

**KELOWNA CREEK SUB-WATERSHED  
OKANAGAN SUB-REGIONAL  
FISHERIES AND WATER MANAGEMENT PLAN  
GROUNDWATER RESOURCE EVALUATION**

**D.A. Johanson, P. Geo.  
Groundwater Hydrologist  
Groundwater Section  
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RESOURCE EVALUATION**

**by D. A. Johanson, Groundwater Hydrologist, Water Management Division**

**Executive Summary**

Kelowna Creek Sub-Watershed is located in the Okanagan Basin of British Columbia. Kelowna Creek flows in a general westward direction to empty into Okanagan Lake at Kelowna. A preliminary office groundwater resource evaluation of the Kelowna Creek Sub-Watershed was conducted to contribute to the Okanagan Sub-Regional Fisheries and Water Management Plan. This hydrogeologic evaluation is to assist the region in identifying groundwater as an alternative for maintaining the required low flows. This preliminary assessment has shown significant aquifers are present with known well yields up to 189 litres per/second (2,500 gpm). Recommendations are made regarding data collection. These consist of quantifying water withdrawals from the aquifers, determining the effects of present pumping withdrawals by obtaining water level data, establishing observation wells to obtain data on long term water level and ambient water quality trends, carrying out low flow analysis to aid in better understanding the groundwater/surface water interaction, and establishing protection areas around major production wells.

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# KELOWNA CREEK SUB-WATERSHED, OKANAGAN SUB-REGIONAL FISHERIES AND WATER MANAGEMENT PLAN, GROUNDWATER RESOURCE EVALUATION

## 1. Introduction

The need for groundwater data analysis has been identified within seven sub-watersheds in the Okanagan Basin. These priority areas include Peachland, Trepanier, Powers, Lambly, Kelowna, Lower Vernon and Mission Creek Watersheds. This report covers the Kelowna Creek Sub-Watershed.

The primary purpose of this office groundwater resource evaluation of the Kelowna Creek Sub-Watershed is to contribute to the Okanagan Sub-Regional Fisheries and Water Management Plan. This plan is to identify water management alternatives for tributaries possessing high fisheries values, which will assist Ministry of Environment Regional Staff in identifying alternatives for maintaining required low flows for instream users.

This hydrogeologic evaluation is to assist the region in identifying groundwater as an alternative for maintaining these required low flows.

Kelowna Creek Sub-Watershed is located in the Okanagan Basin. Kelowna Creek flows westward to empty into Okanagan Lake at Kelowna. Figure 1 is a location map.

## 2. Hydrogeology

Figure 2 (from Nasmith) outlines and defines the surficial deposits of glacial and recent geologic age for the study area. These sediments are comprised of a complex assortment of till, lacustrine, outwash and alluvial materials.

In the south Rutland area a Groundwater Section test hole penetrated these sediments to a depth of 440 metres (1,445 feet), and just north of Rutland,

near Cornish Rd., the Groundwater Section constructed a test well which penetrated to 155 metres (510 feet). Neither encountered bedrock.

The Groundwater Section has on file just over 500 well records of dug and drilled wells, for the Kelowna Creek Sub-Watershed area. The locations of these are displayed on figure 3 with wells of yield equal to or greater than 7.6 litres/second (100 gpm) noted and a separate symbol for active or abandoned Groundwater Section observation wells. As is readily apparent, virtually all wells are in the main valley .

Table 1 is a data summary of these wells, indexing them by B.C.G.S. map areas and gives legal land descriptions, where known. Approximately 55 percent of these are dug wells and the majority of these dug wells are less than 7.6 metres (25 feet) in depth. Hodge (1979) notes that in the Rutland area many of these wells are abandoned and the majority of the Rutland population that once obtained water from dug wells are now receiving water from the Rutland Waterworks wells.

Figures 4, 5, 6 and 7 are respectively four cross-sections ( A - A1, B - B1, C - C1, and D - D1 ). The locations of these are shown on Figure 3. Cross-section A - A1 shows clays overlying a gravelly sand aquifer. Non-flow and flowing artesian conditions exist in the valley bottom.

The Kelowna Airport well ( 82E.094.3.1.1 #2 ) near the west end of the section line originally flowed at 0.8 litres/second (11 gpm) and was pumped at 7.0 litres/second (93 gpm). Near the eastern end, well 82E.094.3.1.4 #22 has a driller estimated yield of 3.8 - 7.6 litres/second (50 - 100 Igpm).

Cross-section B - B1, just over a mile south of cross-section A-A1, displays flowing and non-flowing artesian conditions from a sand, or sand and gravel aquifer existing beneath a clay or till confining layer. This occurs in the valley bottom to the east of Kelowna Creek, whereas on the west side of the valley water-table conditions exist in kettled outwash deposits.

Near the west end of the cross-section, Glenmore Irrigation District has constructed two production wells: well 82E.094.1.3.3 #1 ( shown on cross-section ) was pump tested for 24 hours at 54.9 litres/second (870 USgpm) and well 82E.094.1.3.3 #8, which was pump tested for 4 days at 150 litres/second (1976 USgpm).

Livingston (1989) describes the area on the east side of the valley as ice contact deposits which extend in a north-south direction along the east side of a bedrock ridge between the valley of Wood lake-Rutland and Glenmore Valley. He further states these ice contact deposits form an aquifer which is not widely used because the area underlain by these ice contact deposits is mostly undeveloped. However, it does supply water to the Kelowna Airport ( shown on cross-section A - A1 ) and to an high capacity well which supplies part of the domestic and irrigation requirements of the Glenmore Irrigation District. He also describes the chemical quality of the water in the ice contact deposits as particularly good, in contrast to another aquifer underlying the middle of the valley that yields water which is much more highly mineralized and which contains enough manganese and iron to cause problems.

Cross-section C - C 1, at Rutland, is approximately 5.6 kilometres (three and one-half miles) south of cross-section B - B1. Here, there is a considerable thickness of relatively impermeable silt, clay and till between the shallow gravels and the aquifer. A leaky artesian condition exists and the known extent is shown on figure 3.

Well 82E.084.3.3.1 #18 is shown near the east end of the cross-section. Livingston (1972) reports this 40.6 cm. (16 inch) diameter well, drilled for Rutland Waterworks, was pumped at approximately 75.8 litres/second ( 1,000 Imp. gallons/minute) for 11 hours, with 19.2 meters (63 feet) of drawdown. He felt the pump test gave indication the aquifer was anisotropic in nature. In such an aquifer water moves much more freely in a horizontal direction than in a vertical direction because of the presence of relatively impermeable layers of silt in the gravel.

The chemical quality of the water is poor due to the relatively high content of iron. The 12.9 degree C (54 degree F) water temperature is very high for groundwater, although the temperature change with depth, called the geothermal gradient, is very high in the Okanagan Valley. Due to poor quality water this well has been abandoned.

Well 82E.083.4.4.4. #78, just west of the centre of the cross-section, and #79 just beside it were constructed by the Groundwater Section and demonstrated that it was possible to construct moderate capacity wells in the sand and silty sand of this area. However, subsequently Rutland Waterworks has abandoned them due to poor quality water.



The only active Groundwater Section observation well in the Kelowna Creek sub-watershed, well no. 236, is located approximately 0.8 kilometres (0.5 miles) south of the east end of the cross-section (see figure 3 for location). Observation well No. 236 was established in 1979 and hydrograph data has been collected to date. Figure 8 shows the hydrograph record for the period 1979-1983, figure 9 for the period 1983-1986, and figure 10 for 1987-1992. An evaluation of these graphs show a relatively stable condition from 1979 to 1982, a declining trend in the hydrograph from 1983-1986 which corresponds to a declining trend in precipitation during the period, and 1986-1992 shows a relatively stable condition. Rutland Waterworks has production wells in the area and these may contribute significantly to the overall decline.

Cross-section D - D1, crossing in a north easterly direction through the City of Kelowna, shows fine unconsolidated sediments occurring near Okanagan Lake. The 163 metre (534 feet) deep testhole near the centre of the Cross-section indicates a poor probability for large groundwater withdrawal in this area.

### 3. Hydrochemistry

The attached Table 2 is a summary of known groundwater quality testing in various locations of the watershed area. An analysis of the available quality data indicates that iron and manganese are a problem in certain areas of the watershed. The only phosphate parameter sampled also indicates a potential problem.

The groundwater may be classified as generally moderately hard (up to 395 mg/L), calcium-bicarbonate type.

Data shows fluoride occurs in concentration from 0.1 - 0.53 mg/l. This is less than the maximum acceptable concentration given in the Guidelines for Canadian Drinking Water Quality (fourth edition). However, uranium is often associated with fluoride and should be tested for in future sampling.

### 4. Conclusions

Significant aquifers are present with known well yields up to 189 litres per/second (2,500 gpm). Where these are unconfined they may be vulnerable to pollution from surface sources of contamination.

Total water withdrawals from aquifers should be quantified and data regarding long term water level trends should be acquired. Also, the hydraulic relationship with surface water is not adequately understood and requires further investigation.

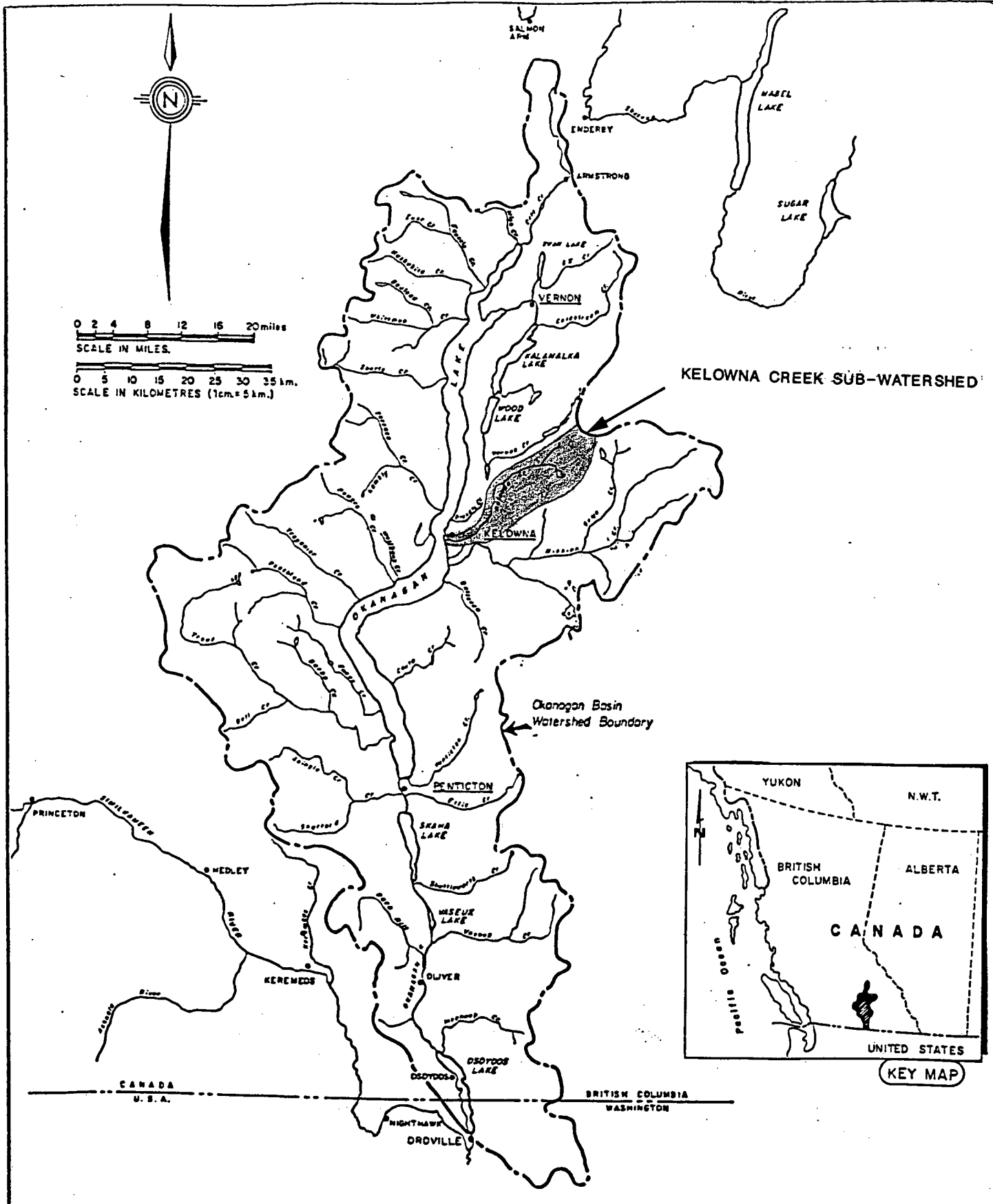
## 5. Recommendations

To better evaluate present and future withdrawals of groundwater in the watershed the following recommendations are made :

1. Data is required regarding actual amount of groundwater withdrawn at present.
2. Additional water level data is required to determine the effects of present pumping withdrawals. Observation wells are recommended to obtain data on long term water level trends and ambient water quality. Some abandoned wells may be suitable for this purpose.
3. Low flow analysis would aid in a better understanding of the groundwater/surface water interaction, this should also involve the Mission Creek Sub-Watershed.
4. Groundwater sampling in the region should include testing for uranium.
5. Protection areas are recommended around major production wells.

## REFERENCES

- Hodge, W.S. (1979). Drilling and Construction of Observation well Contract No. 64 - Rutland Waterworks District, Osoyoos Land District; Water Management Branch, British Columbia Ministry of the Environment, Unpublished report.
- Livingston, E. (1989). Case History of a Dump Site in the City of Kelowna Near Kelowna Airport Operating Under a Letter of Approval From Ministry of Environment dated July 21, 1989; File No. SR-38-229; Pacific Hydrology Consultants Ltd, Vancouver, British Columbia, Unpublished Report.
- Livingston, E. (1972). Drilling, Well Construction and Pump Testing for Rutland Waterworks District 1971-1972; Pacific Hydrology Consultants Ltd, Vancouver, British Columbia, Unpublished Report.
- Nasmith, H. (1962). Late Glacial History and Surficial Deposits of the Okanagan Valley, British Columbia; B.C. Department of mines and Petroleum Resources, Bulletin No. 46.



Province of British Columbia  
 Ministry of Environment, Lands and Parks  
 WATER MANAGEMENT DIVISION

FIGURE 1 : LOCATION MAP

SCALE: VERT. .... AS SHOWN .....  
 HOR. ....

DATE

ENGINEER

FILE No. .... DWG. No. ....

VAN CAL 15712



Province of British Columbia  
Ministry of Environment

FIGURE 2  
KELOWNA CREEK SUB-WATERSHED  
OKANAGAN SUB-REGIONAL  
FISHERIES AND WATER MANAGEMENT PLAN  
GROUNDWATER RESOURCE EVALUATION

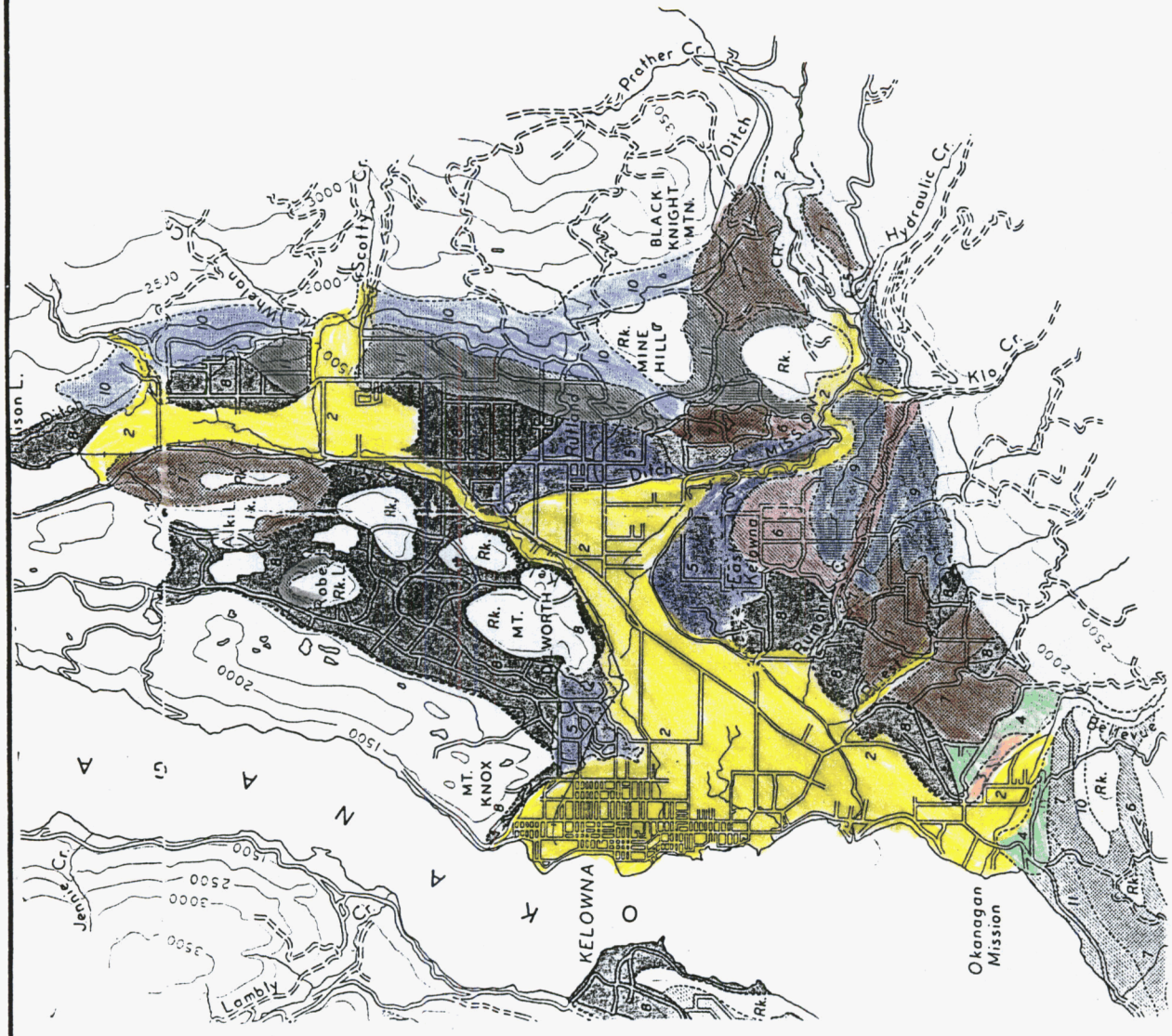
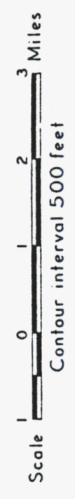
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FILE No.....	DWG. No.....	ENGINEER .....

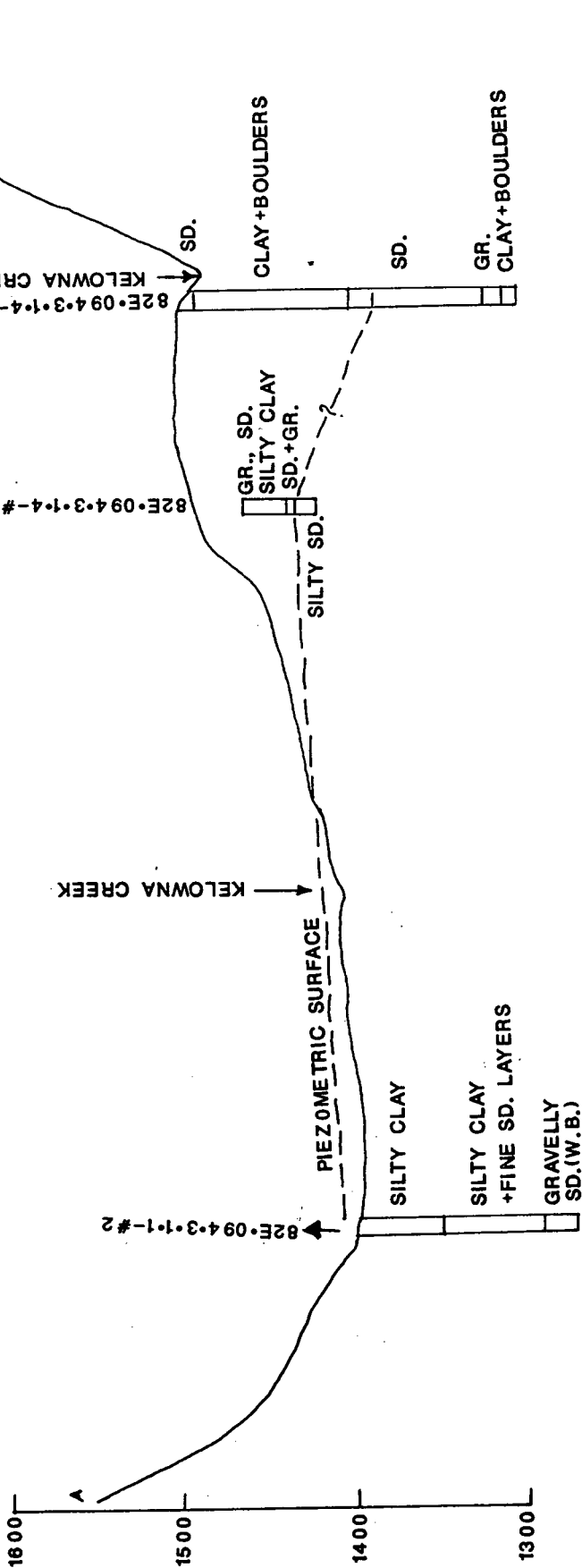
# SURFICIAL DEPOSITS OF LATE GLACIAL AND RECENT AGE NORTHERN OKANAGAN VALLEY

by  
Hugh Nasmith

## LEGEND

- RECENT**
- 1 Okanagan River Floodplain
- 2 Alluvial fans, deltas, and associated gullies and stream channels
- 3 Beaches, spits, and dunes
- LATE GLACIAL**
- 4 River channels and stream-cut terraces
- 5 Raised alluvial fans, terraces, and deltas
- STAGE OF GLACIAL RETREAT**
- 6 Outwash terraces
- 7 Kettled outwash
- 8 Glacial lake sediments
- STAGE OF GLACIAL OCCUPATION**
- 9 Moraine ridges
- 10 Kame terraces and meltwater channels
- 11 Meltwater channels
- GLACIAL ADVANCE AND EARLIER**
- 12 Mixed unconsolidated deposits
- Roads





CROSS SECTION A-A'

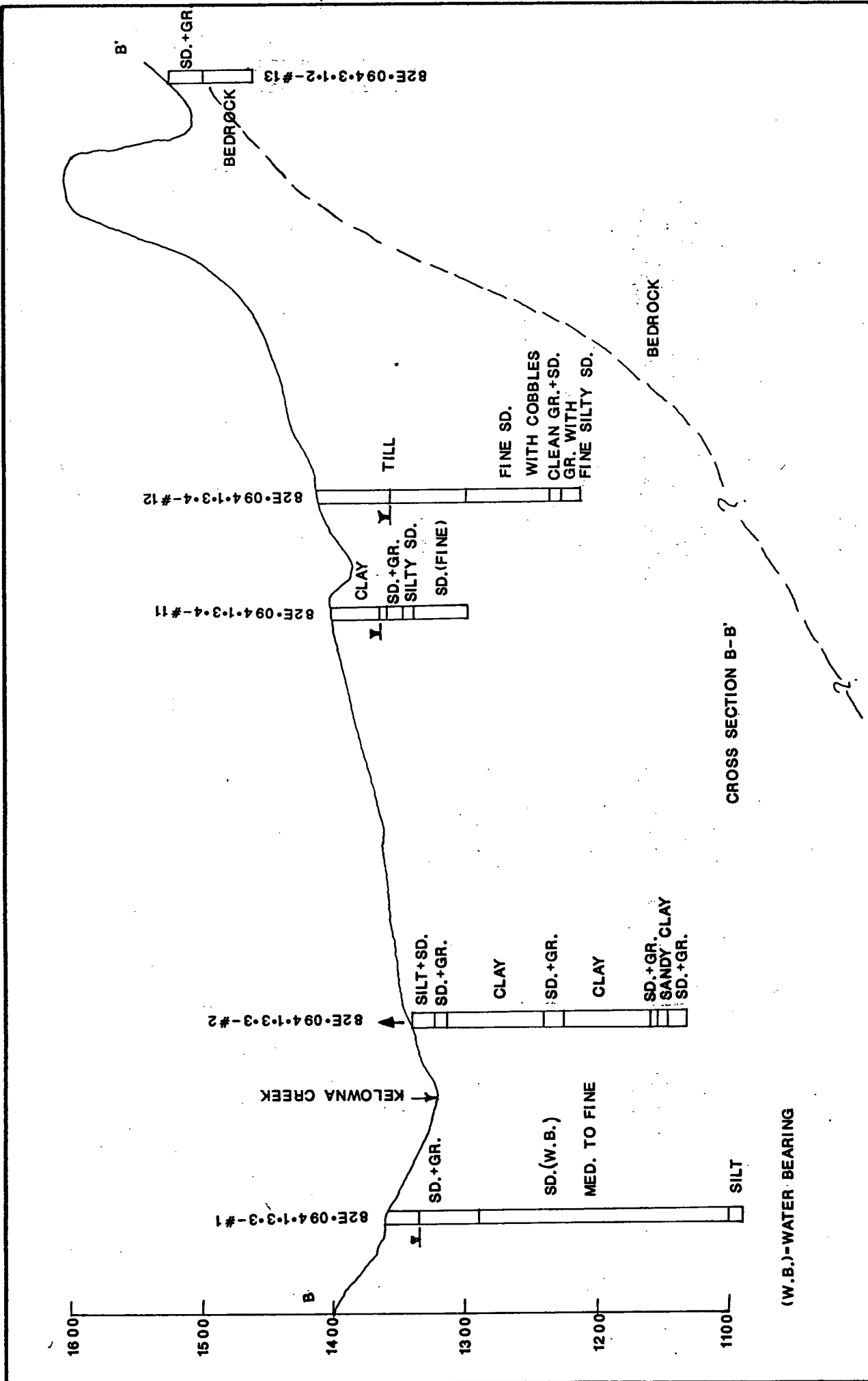
(W.B.)-WATER BEARING



Province of British Columbia  
Ministry of Environment

FIGURE 4 CROSS SECTION A-A'  
KELOWNA CREEK SUB-WATERSHED-  
OKANAGAN SUB-REGIONAL  
FISHERIES AND WATER MANAGEMENT PLAN  
GROUNDWATER RESOURCE EVALUATION

SCALE: VERT. ....	DATE
HOR. .... 1" = 1000'	FEB. 1992
FILE NO. ....	ENGINEER .....
DWG. No. ....	

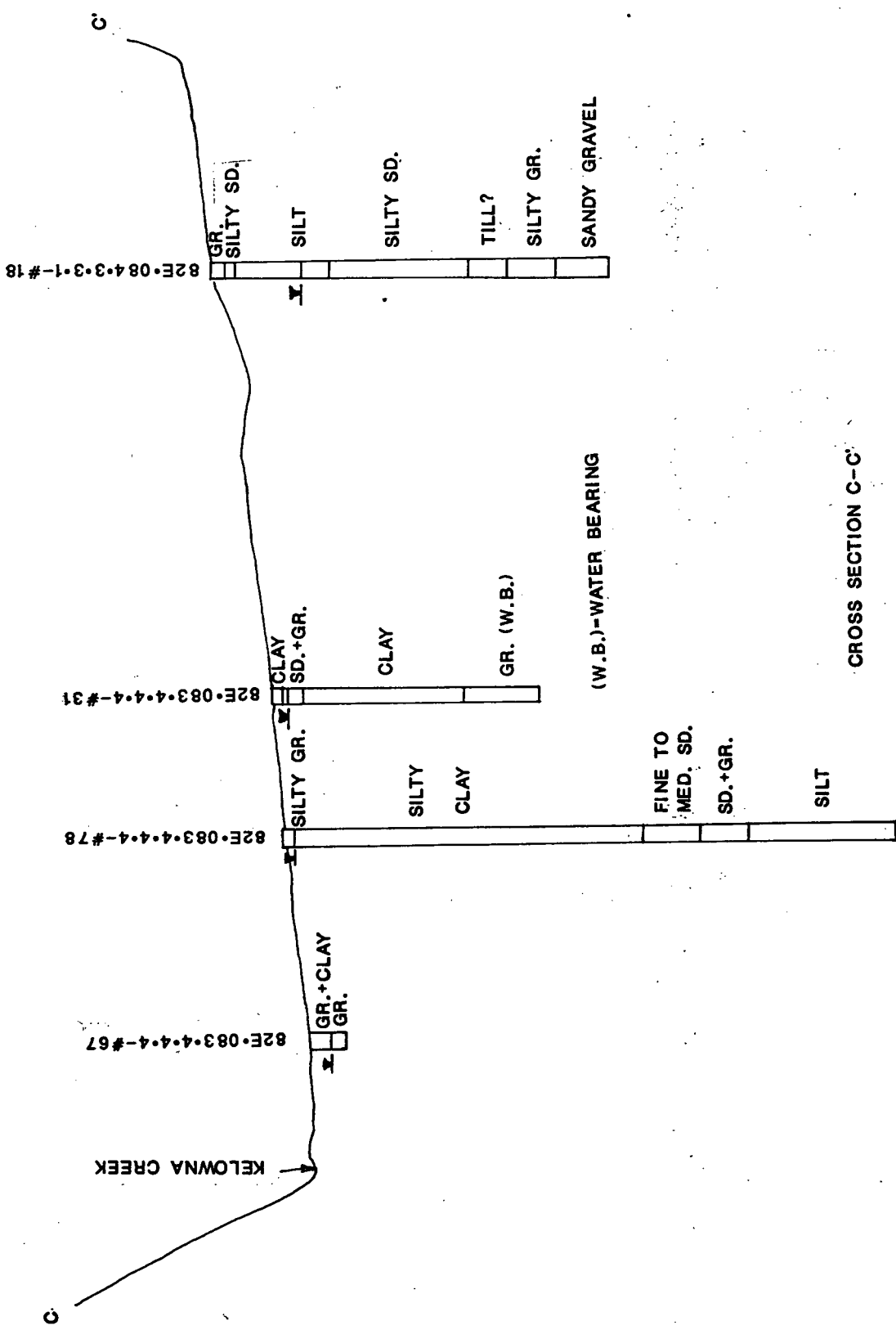


**FIGURE 5 CROSS SECTION B - B'**  
 KELOWNA CREEK SUB-WATERSHED  
 OKANAGAN SUB-REGIONAL  
 FISHERIES AND WATER MANAGEMENT PLAN  
 GROUNDWATER RESOURCE EVALUATION

SCALE: VERT	DATE
HOR	FEB. 1992
1" = 1000'	ENGINEER
FILE NO.	DWG. No.

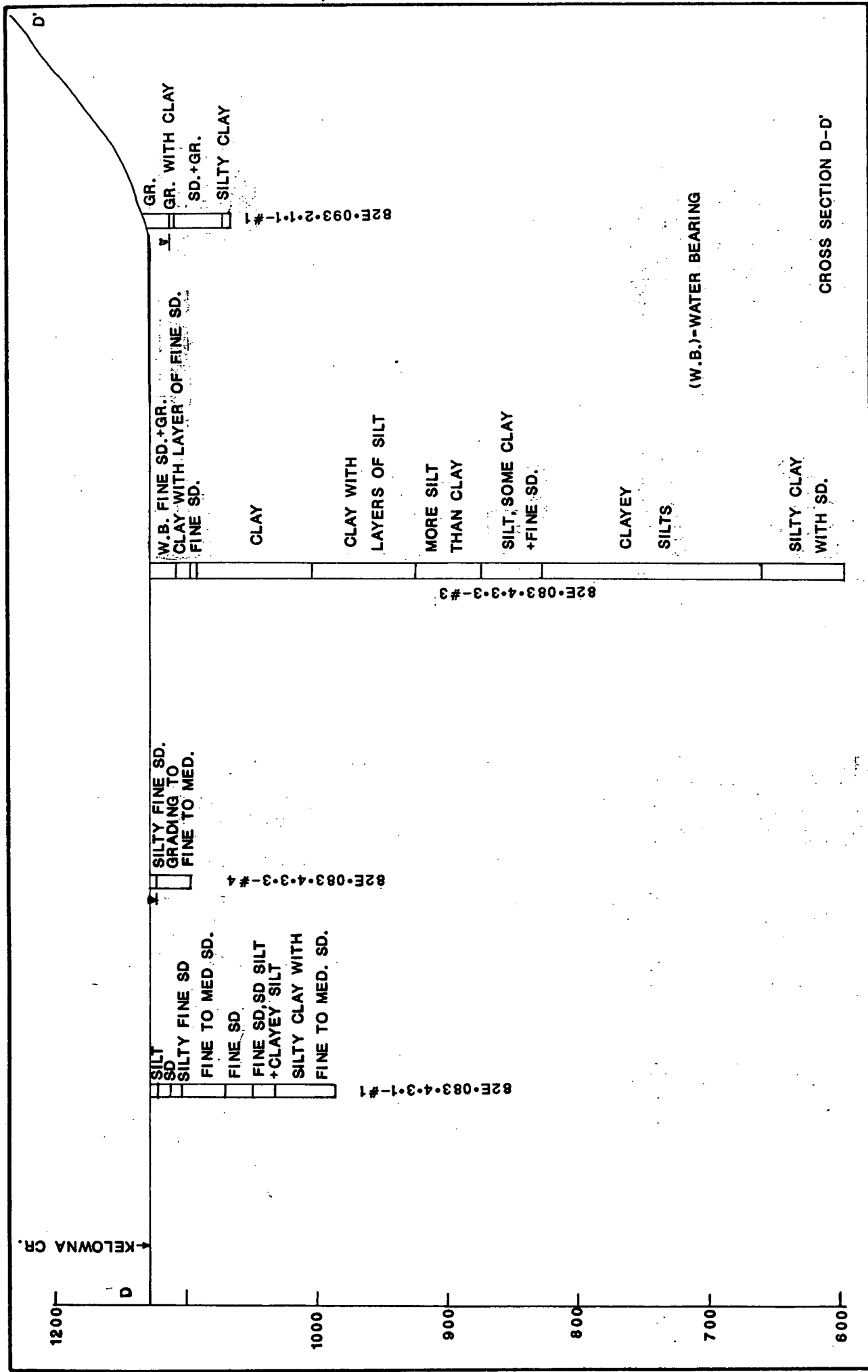
Province of British Columbia  
 Ministry of Environment





 <p>Province of British Columbia Ministry of Environment</p>	<p>FIGURE 5 CROSS SECTION C - C'</p> <p>KELOWNA CREEK SUB-WATERSHED</p> <p>OKANAGAN SUB-REGIONAL</p> <p>FISHERIES AND WATER MANAGEMENT PLAN</p> <p>GROUNDWATER RESOURCE EVALUATION</p>		<p>SCALE: VERT. ....</p> <p>HOR. ....</p> <p>1" = 1000'</p>	<p>DATE</p> <p>FEB. 1992</p>
	<p>FILE No. ....</p> <p>DWG. No. ....</p>			<p>ENGINEER</p>





SCALE: VERT. HOR. 1" = 1000'

DATE FEB. 1992

ENGINEER

FILE NO. DWG. No.

FIGURE 6 CROSS SECTION D - D'  
KELOWNA CREEK SUB-WATERSHED  
OKANAGAN SUB-REGIONAL  
FISHERIES AND WATER MANAGEMENT PLAN  
GROUNDWATER RESOURCE EVALUATION

Province of British Columbia  
Ministry of Environment

RUTLAND - 1979-

WELL NO. 236 (RHY00095)

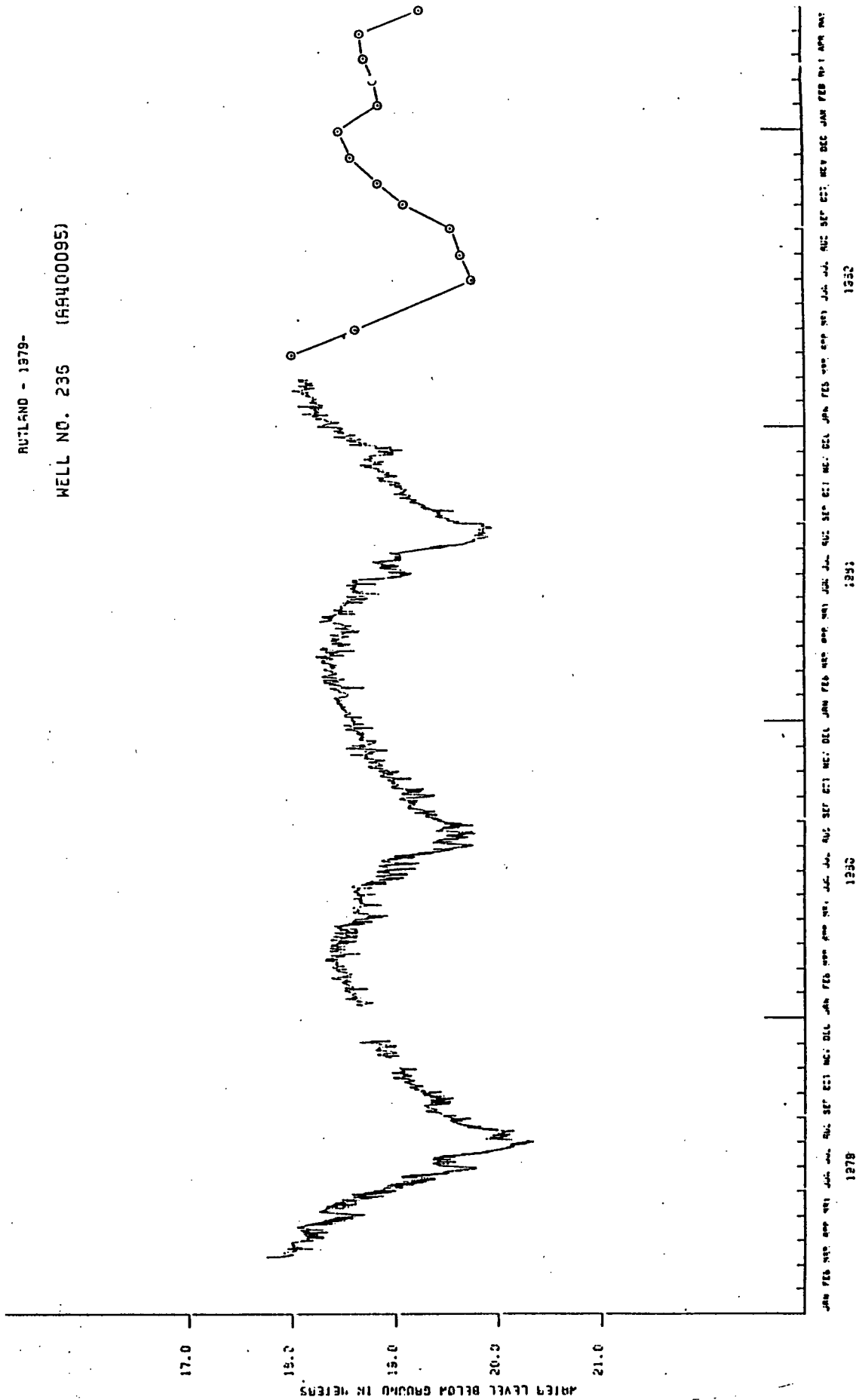
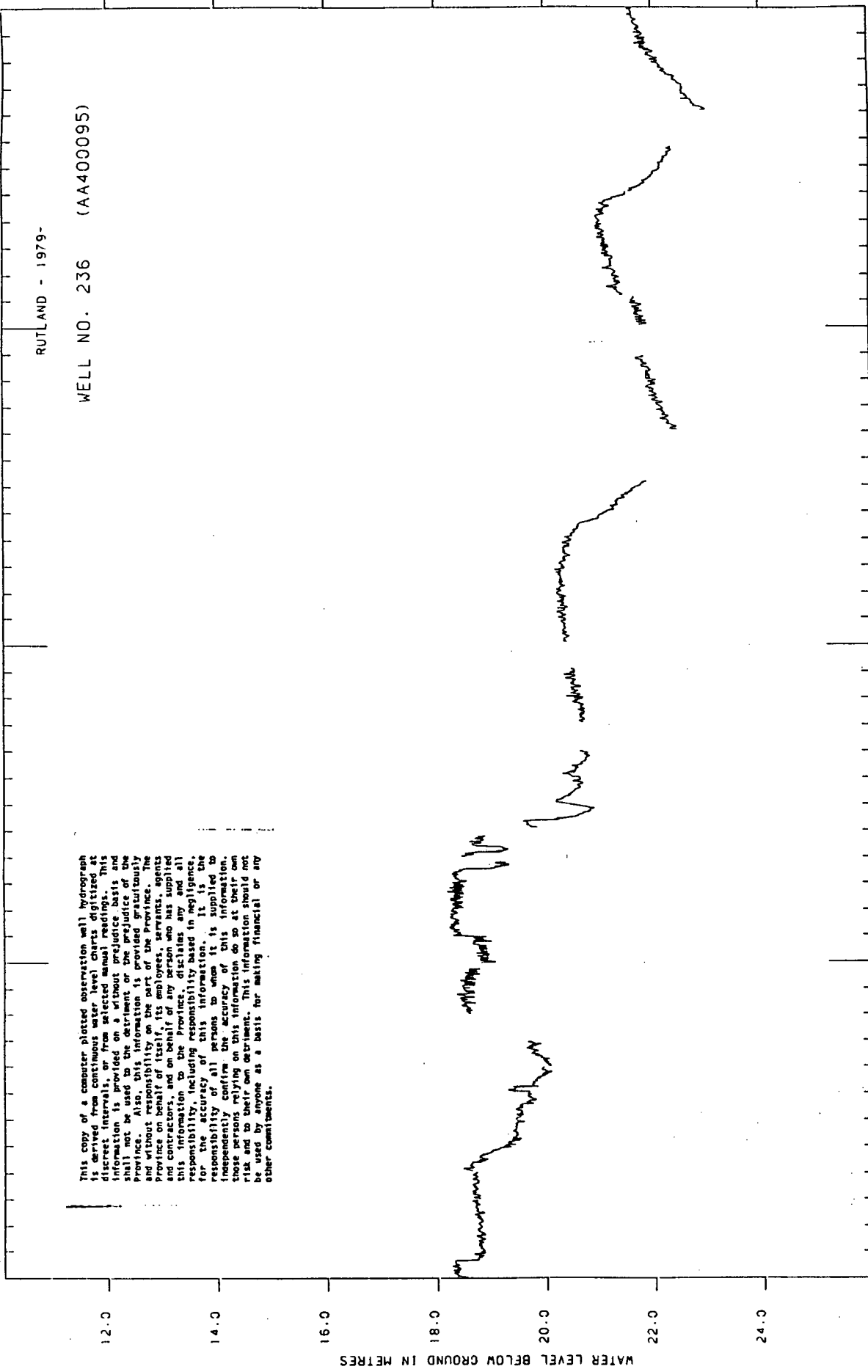


FIGURE 8 OBSERVATION WELL NO. 236 1979 TO 1982



This copy of a computer plotted observation well hydrograph is derived from continuous water level charts digitized at discreet intervals, or from selected manual readings. This information is provided on a without prejudice basis and shall not be used to the detriment or the prejudice of the Province. Also, this information is provided gratuitously and without responsibility on the part of the Province. The Province on behalf of itself, its employees, servants, agents and contractors, and on behalf of any person who has supplied this information to the Province, disclaims any and all responsibility, including responsibility based in negligence, for the accuracy of this information. It shall be the responsibility of all persons to whom this information is supplied to independently verify the accuracy of this information, and to assume any and all responsibility on this information do so at their own risk and to their own detriment. This information should not be used by anyone as a basis for making financial or any other commitments.

FIGURE 9: OBSERVATION WELL NO. 236 1983 TO 1986

# Rutland Observation Well #236

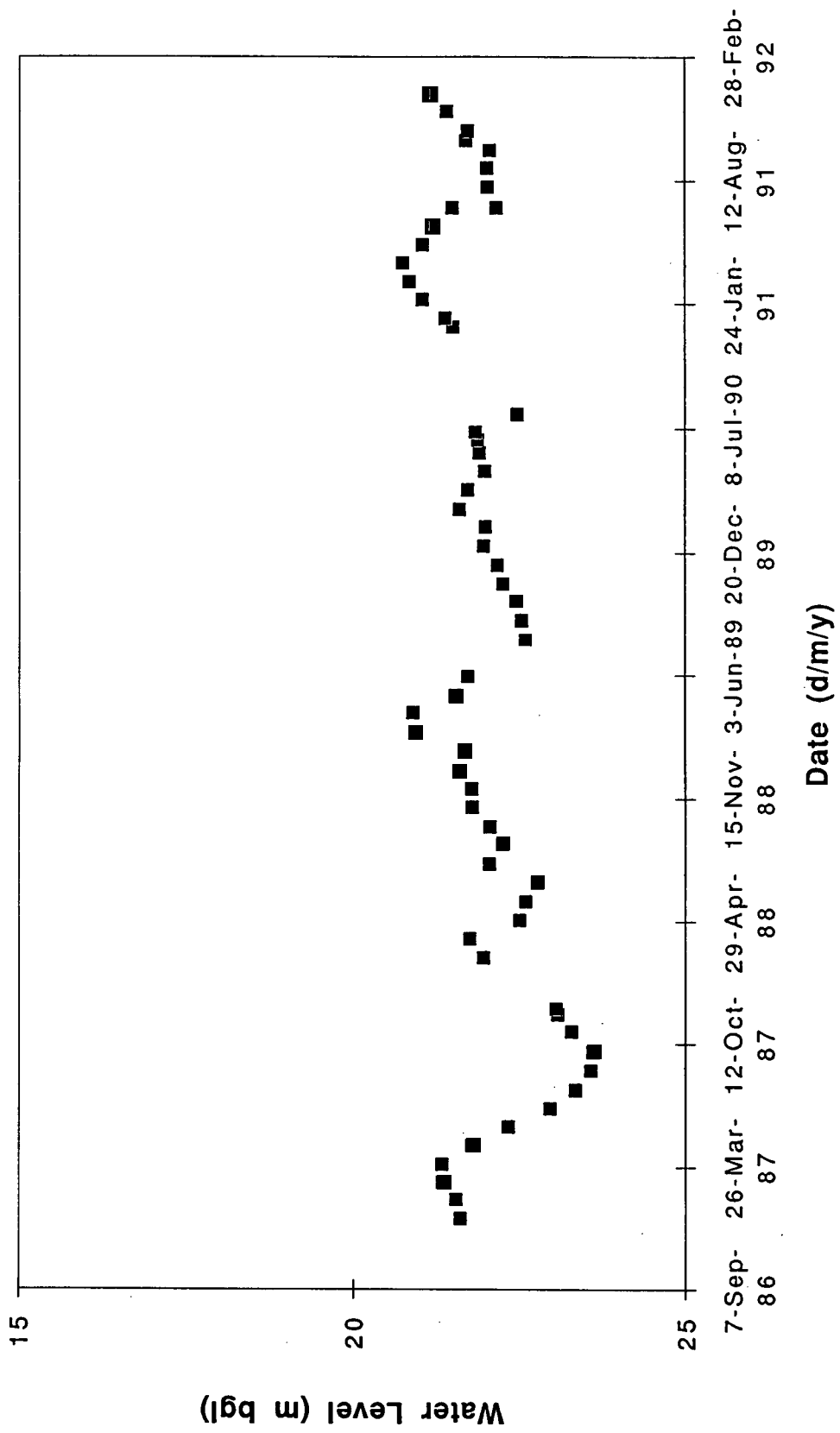


FIGURE 10: OBSERVATION WELL NO. 236 1986 TO 1992



Ministry of Environment - Water Management Branch - Groundwater Section  
 Groundwater Database System  
 Data Summary - with Legal Descriptions and Old Coordinates

REG Map Area	Well Id	Plan No.	Blk No.	TP No.	SC	RG	DL	Z	X	Y	Old Well No.	L.D.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Dia. (in.)	Drill Core Method	Well Yield (gpd)	Yld. (gpd)	Depth to Water (ft.)	Depth to Aquifer (ft.)	Screen Int. (ft.)	Screen	GM. Lab	Chem. Lab	Chem. No.
02E.03.4.4.2	005	1	850		22			05	06	30	002	40	R G LANG	ZEBUCK RD	01-01-57	20.0	0.0	UNK	DIG		5	UNK	UNC				
02E.03.4.4.2	007	23	376		22			05	06	29	002	40	A BUBO	TUPPAN RD	01-01-51	10.0	0.0	UNK	DIG		2	UNK	UNC				
02E.03.4.4.2	008	2	850		22			05	06	30	003	40	G LANG	ZEBUCK RD	01-01-53	20.0	0.0	UNK	DIG		8	UNK	UNC				
02E.03.4.4.2	009	18	376		22			05	06	29	003	40	F W JONES	TUPPAN	01-01-56	13.0	0.0	UNK	DIG		10	UNK	UNC				
02E.03.4.4.2	010	A	12421		22			05	06	29	004	40	R BLD	ZEBUCK RD	01-01-49	15.0	0.0	UNK	DIG		2	UNK	UNC				
02E.03.4.4.2	011	19	376		22			05	06	29	004	40	W CHUNG	TUPPAN RD	01-01-29	14.0	0.0	UNK	DIG		6	UNK	UNC				
02E.03.4.4.2	012	21	3617		22			05	06	30	005	40	H POKEN	ZEBUCK	01-01-59	12.0	0.0	UNK	DIG		0	UNK	UNC				
02E.03.4.4.2	013	7	628		22			05	06	29	005	40	A WOOT	GHEM RD	01-01-61	12.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	014	2	11180		22			05	06	30	006	40	JOHN TUPPAN	ZEBUCK RD	01-01-53	14.0	0.0	UNK	DIG		4	UNK	UNC				
02E.03.4.4.2	015	6	11180	29	22			05	06	29	006	40	JE NEZPOK	GHEM RD	01-01-47	18.0	36.0	UNK	DIG		14	UNK	UNC				
02E.03.4.4.2	016	6	11180		22			05	06	29	007	40	L DUNN	CLUNGERM RD	01-01-62	13.0	0.0	UNK	DIG		3	UNK	UNC				
02E.03.4.4.2	017	1	193		22			05	06	29	007	40	M HANOWIS	GHEM RD	01-01-61	18.0	0.0	UNK	DIG		8	UNK	UNC				
02E.03.4.4.2	018	12	11180		22			05	06	30	008	40	H HEDERS	CLUNGERM RD	01-01-62	15.0	0.0	UNK	DIG		13	UNK	UNC				
02E.03.4.4.2	019	11	11180		22			05	06	30	009	40	J OSOYA	CLUNGERM RD	01-01-62	15.0	0.0	UNK	DIG		13	UNK	UNC				
02E.03.4.4.2	020	10	1282		22			05	06	30	010	40	PAE TUPPAN	CHWELL RD	01-01-45	16.0	0.0	UNK	DIG		6	UNK	UNC				
02E.03.4.4.2	021	5	1282		22			05	06	30	011	40	ED GULAN	ZEBUCK RD	01-01-59	15.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	022	8	1282		22			05	06	30	012	40	S P GULAN	TUPPAN RD	01-01-50	15.0	0.0	UNK	DIG		5	UNK	UNC				
02E.03.4.4.2	023	20	3617		22			05	06	30	013	40	F R MARSON	TUPPAN RD	01-01-50	0.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	024	16	3617		22			05	06	30	014	40	G WELSH	TUPPAN RD	01-01-45	15.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	025	11	3617		22			05	06	30	015	40	A DUBER	GHEM RD	01-01-45	15.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	026	11	3617		22			05	06	30	016	40	W SHAWN	GHEM RD	01-01-50	15.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	027	2	376		22			05	06	30	017	40	A BANE	GHEM RD	01-01-46	20.0	0.0	UNK	DIG		1	UNK	UNC				
02E.03.4.4.2	028	2	1166		22			05	06	30	018	40	HARRY DWID	GHEM RD	01-01-46	16.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	029	4	376		22			05	06	30	019	40	GO HILL	GHEM RD	01-01-46	16.0	0.0	UNK	DIG		3	UNK	UNC				
02E.03.4.4.2	030	1	785		22			05	06	30	020	40	JAMES B WAGNER	GHEM RD	01-01-56	18.0	0.0	UNK	DIG		5	UNK	UNC				
02E.03.4.4.2	031	8	376		22			05	06	30	021	40	BILL BERN	TUPPAN RD	01-01-50	12.0	0.0	UNK	DIG		0	UNK	UNC				
02E.03.4.4.2	032	10	376		22			05	06	30	022	40	JOHN JAMBER	TUPPAN RD	01-01-50	12.0	0.0	UNK	DIG		3	UNK	UNC				
02E.03.4.4.2	033	11	376		22			05	06	30	023	40	R MCHER	TUPPAN RD	01-01-58	16.0	0.0	UNK	DIG		7	UNK	UNC				
02E.03.4.4.2	034	13	376		22			05	06	30	024	40	S GHEM	TUPPAN RD	01-01-53	13.0	0.0	UNK	DIG		3	UNK	UNC				
02E.03.4.4.2	035	5	2984		22			05	06	29	025	40	RUILO WHEBER WENS	RUBEN RD	01-01-75	22.0	10.0	07	DIG	883.0 USPA	45	UNK	UNC	Y	Y	140175	Y
02E.03.4.4.2	036	15	376		22			05	06	30	026	40	N EDHURK	TUPPAN RD	01-01-50	14.0	0.0	UNK	DIG		6	UNK	UNC				
02E.03.4.4.2	037	14	376		22			05	06	31	027	40	F GRI	TUPPAN RD	01-01-57	14.0	0.0	UNK	DIG		10	UNK	UNC				
02E.03.4.4.2	038	8	609		22			05	06	31	028	40	C KISHENK	TUPPAN RD	01-01-60	20.0	0.0	UNK	DIG		6	UNK	UNC				
02E.03.4.4.2	039	1	707		22			05	06	31	029	40	G DUNN	TUPPAN RD	01-01-54	12.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	040	17	376		22			05	06	30	028	40	H P KIDE	TUPPAN RD	01-01-54	12.0	0.0	UNK	DIG		4	UNK	UNC				
02E.03.4.4.2	041	10	3617		22			05	06	31	029	40	H XERG	TUPPAN RD	01-01-43	15.0	0.0	UNK	DIG		12	UNK	UNC				
02E.03.4.4.2	042	6	376		22			05	06	30	029	40	W A JOE	GHEM RD	01-01-49	18.0	0.0	UNK	DIG		5	UNK	UNC				
02E.03.4.4.2	043	7	376		22			05	06	30	030	40	A SELERN	GHEM RD	01-01-63	15.0	0.0	UNK	DIG		6	UNK	UNC				
02E.03.4.4.2	044	1	528		22			05	06	30	031	40	THE RUBBE	GHEM RD	01-01-58	14.0	0.0	UNK	DIG		12	UNK	UNC				
02E.03.4.4.2	045	1	477		22			05	06	31	032	40	K HUBERK	GHEM RD	01-01-56	0.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	046	1	458		22			05	06	31	032	40	M HENCE	ELK M RD	01-01-53	9.5	0.0	UNK	DIG		3	UNK	UNC				
02E.03.4.4.2	047	14	3617		22			05	06	30	033	40	R E SCHM	GHEM RD	01-01-56	24.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	048	2	477		22			05	06	30	034	40	JAG HUNING	GHEM RD	01-01-46	22.0	0.0	UNK	DIG		2	UNK	UNC				
02E.03.4.4.2	049	1	459		22			05	06	30	035	40	J BERNK	GHEM RD	01-01-45	0.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	050	2	459		22			05	06	30	036	40	ER NICHOLN	GHEM RD	01-01-50	65.0	0.0	UNK	DIG		UNK	UNK	UNC				
02E.03.4.4.2	051	2	428		22			05	06	30	037	40	E ESKANER	GHEM RD	01-01-63	25.0	0.0	UNK	DIG		15	UNK	UNC				
02E.03.4.4.2	052	3	428		22			05	06	30	038	40	A DESPERU	GHEM RD	01-01-56	14.0	0.0	UNK	DIG		4	UNK	UNC				
02E.03.4.4.2	053	4	428		22			05	06	30	039	40	M J SHAFERDID	GHEM RD	01-01-60	17.0	0.0	UNK	DIG		6	UNK	UNC				

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BGS Map Area	Well No.	Lat No.	Plan No.	Blk TP No.	SC	RG	D.L.	Z	X	Y	Old Well No.	L.D.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Diam. (in.)	Drill Core No.	Crust. Method	Well Yield (gpd)	YLD Int. (ft.)	Screen Interval (ft.)	G.M. Chem Rpt	Chem Lab No.	Chem Site No.		
02E.083.4.4.4	037	A	8628		27			05	06	31	036	40	A DEK	NICHEL RD	01-01-51	13.0	0.0	0.0	DIG								
02E.083.4.4.4	038	1	8639		27			05	06	31	037	40	YRPA	NICHEL RD	01-01-58	12.0	0.0	0.0	DIG								
02E.083.4.4.4	039	6	8639		27			05	06	31	038	40	KECH DEKONG	NICHEL RD	01-01-58	12.0	0.0	0.0	DIG								
02E.083.4.4.4	040	2	8639		27			05	06	31	039	40	E FERCHA	NICHEL RD	01-01-58	14.0	0.0	0.0	DIG								
02E.083.4.4.4	041	3	8639		27			05	06	31	040	40	D BRUD	NICHEL RD	01-01-55	14.0	0.0	0.0	DIG								
02E.083.4.4.4	042	4	8639		27			05	06	31	041	40	HENRY SCHREIBER	NICHEL RD	01-05-62	12.0	0.0	0.0	DIG								
02E.083.4.4.4	043	7	8639		27			05	06	31	042	40	E HEBE	NICHEL RD	01-01-55	20.0	0.0	0.0	DIG								
02E.083.4.4.4	044	11	3619		27			05	06	31	043	40	JACK MCINNEY	ROUPE RD	01-01-51	12.0	0.0	0.0	DIG								
02E.083.4.4.4	045	2	8528		27			05	06	31	044	40	D SHUBEL	NICHEL RD	01-01-50	14.0	0.0	0.0	DIG								
02E.083.4.4.4	046	1	3369		27			05	06	31	045	40	L C WOOD	HACK ME RD	01-01-58	20.0	0.0	0.0	DIG								
02E.083.4.4.4	047	1	3530		27			05	06	31	046	40	T SUPER	HACK ME RD	01-01-58	20.0	0.0	0.0	DIG								
02E.083.4.4.4	048	7	3727		22			05	06	31	047	40	E P OLSEN	RULAND RD	01-01-50	14.0	0.0	0.0	DIG								
02E.083.4.4.4	049	5	3401		22			05	06	31	048	40	BN SCHLOSSY	GRISPAR RD	01-01-50	22.0	0.0	0.0	DIG								
02E.083.4.4.4	050	5	2082		22			05	06	31	049	40	FRED SKLOPECKY	TRULS RD	01-01-59	20.0	0.0	0.0	DIG								
02E.083.4.4.4	051	A	4809		22			05	06	31	050	40	H HREY	GRISPAR RD	01-01-40	12.0	0.0	0.0	DIG								
02E.083.4.4.4	052	4	2082		22			05	06	31	051	40	H HREY	GRISPAR RD	01-01-61	8.0	0.0	0.0	DIG								
02E.083.4.4.4	053	16	426		22			05	06	31	052	40	FRANK IERER	GRISPAR RD	01-01-50	45.0	0.0	0.0	DIG								
02E.083.4.4.4	054	6	2082		22			05	06	31	053	40	GEO SMITH	GRISPAR RD	01-01-20	7.0	0.0	0.0	DIG								
02E.083.4.4.4	055	15	426		26			05	06	31	054	40	FRANK SINGH	HACK ME RD	01-01-34	38.0	0.0	0.0	DIG								
02E.083.4.4.4	056	8	4269		26			05	06	31	055	40	R R LIFT	20 MILK RD	01-01-40	26.0	0.0	0.0	DIG								
02E.083.4.4.4	057	A	11038		22			05	06	31	056	40	J IERER	HACK ME RD	01-01-59	14.0	0.0	0.0	DIG								
02E.083.4.4.4	058	2	585		22			05	06	31	057	40	T D BRER	HACK ME RD	01-01-29	10.0	0.0	0.0	DIG								
02E.083.4.4.4	059	11	9435		27			05	06	31	058	40	WALTER FISHER	HACK ME RD	01-01-55	18.0	0.0	0.0	DIG								
02E.083.4.4.4	060	6	9435		27			05	06	31	059	40	JEZ IERER	HACK ME RD	01-01-61	15.0	0.0	0.0	DIG								
02E.083.4.4.4	061	14	7214		27			05	06	31	060	40	G KAHN	HACK ME RD	01-01-63	11.0	0.0	0.0	DIG								
02E.083.4.4.4	062	4	9435		27			05	06	31	061	40	F WADY	HACK ME RD	01-01-62	14.0	0.0	0.0	DIG								
02E.083.4.4.4	063	1	9435		27			05	06	31	062	40	D FISHER	HACK ME RD	01-01-62	10.0	0.0	0.0	DIG								
02E.083.4.4.4	064	1	6569		26		27	05	06	31	063	40	ED HNS	HACK ME RD	01-01-50	18.0	0.0	0.0	DIG								
02E.083.4.4.4	065	12	4704		26			05	06	31	064	40	MIDWICK	HACK ME RD	01-01-50	6.0	0.0	0.0	DIG								
02E.083.4.4.4	066							05	06	31	065	40	E TRIGA	ZIBICK RD	01-05-66	144.0	6.0	0.0	DIG		100.0 EM						
02E.083.4.4.4	067	1						05	06	31	066	40	DIG SUPERMAN	HAW 97	01-02-66	24.0	6.0	0.0	DIG		15.0 GM						
02E.083.4.4.4	068							05	06	31	067	40	RULAND EISENBERG S	NICHEL RD	01-01-50	25.0	6.0	0.0	DIG		40.0 GM						
02E.083.4.4.4	069							05	06	31	068	40	SUPERMAN	HAW 97	01-02-68	27.0	6.0	0.0	DIG		15.0 GM						
02E.083.4.4.4	071	1	2038		26		124	05	06	31	069	40	ROSEY NEW BONES	7205 HIGHWAY 97	01-01-77	253.0	6.0	0.0	DIG		24.0 GM						
02E.083.4.4.4	072	2	2038		26		124	05	06	31	070	40	KELOWA WHITES	HAW 97	07-09-76	216.0	4.0	0.0	DIG		24.0 GM						
02E.083.4.4.4	073	1	4976		22			05	06	31	071	40	A FLIDE	HACK ME RD	01-01-50	12.0	0.0	0.0	DIG								
02E.083.4.4.4	074	3	2082		22			05	06	31	072	40	H PUNK	HACK ME RD	01-01-50	15.0	0.0	0.0	DIG								
02E.083.4.4.4	075	4	3530		27			05	06	31	073	40	J BRUDL	DEPHER RD	01-01-59	14.0	0.0	0.0	DIG								
02E.083.4.4.4	076	26	426		27			05	06	31	074	40	G TRACE	DEPHER RD	01-01-48	15.0	0.0	0.0	DIG								
02E.083.4.4.4	077	1	3530		26		143	05	06	31	075	40	T SUPER	DEPHER RD	01-01-56	8.0	0.0	0.0	DIG								
02E.083.4.4.4	078				26			05	06	31	076	40	WIDER RESOURCES SRL	NICHEL RD	03-09-64	397.0	8.0	0.0	DIG		99.0 GM						
02E.083.4.4.4	079				26			05	06	31	077	40	RULAND WIDER WORKS	NICHEL RD	29-10-64	255.0	8.0	0.0	DIG		330.0 GM						
02E.083.4.4.4	080	2	3008		26			05	06	31	078	40	OSBER IERER	ASER	01-01-51	40.0	0.0	0.0	DIG								
02E.084.3.3.1	081		26211		26			05	06	29	079	40	MAN OF NEW WATER NW	70 BURCHARD AVE VI	19-09-81	149.0	6.0	0.0	DIG								
02E.084.3.3.1	082	A	20022		26			05	06	29	080	40	RULAND WIDERWORKS	160 HIGHWAY 33 RULAND	19-09-81	199.0	8.0	0.0	DIG								
02E.084.3.3.1	083	5	702		23			05	06	29	081	40	H F MILLER	HIDEWOOD RD RULAND	01-01-50	20.0	0.0	0.0	DIG								
02E.084.3.3.1	084	1	811		23			05	06	29	082	40	SUN TOWNCH	HIDEWOOD RD RULAND	01-01-63	11.5	0.0	0.0	DIG								

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HTS Map Area	Well No.	Well	Plan No.	Plan No.	HTK TP No.	SC No.	EG No.	DL No.	Z	X	Y	Old Well No.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Dia. (in.)	Drill Contr. No.	Method	Well Yield (GPM)	Yld. Ut.	Apuf Litho	Screen Interval (ft.)	GM. Pt.	Crn. Lab.	Crn. Fld.	Crn. Side No.	
082E-094.3.3.1	005	1	811	811	23	23	23	05	05	05	05	000	SPIN TURNBACH	HILWOOD RD RURLND	01-01-63	6.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	006	2	828	828	23	23	23	05	05	05	05	011	SIDE KATZE	HILWOOD RD RURLND	01-01-53	12.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	007	3	878	878	23	23	23	05	05	05	05	012	R ZESSE	HILWOOD RD & WIDE	01-01-50	28.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	008	4	389	389	23	23	23	05	05	05	05	013	H HERMAN	HILWOOD RD	01-01-63	9.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	009	5	389	389	23	23	23	05	05	05	05	014	H HERMAN	HILWOOD RD	01-01-40	16.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	010	6	175	175	14	14	14	05	05	05	05	015	SZANG	HILWOOD RD	01-01-50	9.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	011	7			15	15	15	05	05	05	05	016	SZANG	HILWOOD RD	01-01-50	6.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	012	8			23	23	23	05	05	05	05	017	JHN JENS	BEIG RD RURLND	01-01-50	116.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	013	9			23	23	23	05	05	05	05	018	HEBERA	RR 5 RURLND	01-01-50	15.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	014	10	389	389	23	23	23	05	05	05	05	019	CHERRON ARIEW	RR 5 RURLND	01-01-50	10.0	0.0	UNK	DIG			UNK						
082E-094.3.3.1	015	11	2141	2141	26	26	26	05	05	05	05	020	RURLND WATER WORKS	160 HW 33 RURLND	01-01-72	310.0	10.0	057	DIG	100.0	GPM	UNK	88-101					
082E-094.3.3.1	016	12	1505	1505	26	26	26	05	05	05	05	021	RURLND WATER WORKS	160 HW 33 RURLND	01-01-68	226.0	16.0	057	DIG	329.0	GPM	UNK	91-238					
082E-094.3.3.1	017	13	1505	1505	26	26	26	05	05	05	05	022	RURLND WATER WORKS	160 HW 33 RURLND	01-01-68	226.0	16.0	057	DIG	329.0	GPM	UNK	192-307					
082E-094.3.3.1	018	14	1505	1505	26	26	26	05	05	05	05	023	RURLND WATER WORKS	160 HW 33 RURLND	01-01-68	226.0	16.0	057	DIG	329.0	GPM	UNK	152-170					
082E-094.3.3.1	019	15	1505	1505	26	26	26	05	05	05	05	024	RURLND WATER WORKS	160 HW 33 RURLND	01-01-68	226.0	16.0	057	DIG	329.0	GPM	UNK	152-170					
082E-094.3.3.1	020	16	505	505	26	26	26	05	05	05	05	025	JEE JACHENRY	HILWOOD RD	01-02-65	23.5	10.0	163	DIG			UNK						
082E-094.3.3.1	021	17			26	26	26	05	05	05	05	026	J JENS	BEIG RD	19-05-55	100.0	0.0	168	DIG	314.0	GPM	UNK	23-253					
082E-094.3.3.1	022	18			26	26	26	05	05	05	05	027	RURLND WATER DIST	HILWOOD RD	31-03-71	264.0	8.0	057	DIG			UNK						
082E-094.3.3.1	023	19			26	26	26	05	05	05	05	028	RURLND WATER DIST	HILWOOD RD	01-01-72	300.0	4.0	105	DIG	50.0	GPM	UNK						
082E-094.3.3.2	001	20	4811	4811	26	26	26	05	05	05	05	029	WILLIAM P TRUIT		01-07-63	104.0	4.0	105	DIG			UNK						
082E-094.3.3.2	002	21	1666	1666	26	26	26	05	05	05	05	030	MRS LIBERHILR		01-01-61	14.0	0.0	UNK	DIG			UNK						
082E-094.3.3.2	003	22	5136	5136	26	26	26	05	05	05	05	031	MRS LIBERHILR		01-01-61	14.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	001	23	4474	4474	27	27	27	05	05	05	05	032	LENE HERMAN	HILWOOD RD	01-01-61	22.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	002	24	8885	8885	27	27	27	05	05	05	05	033	WE HAWKINS	HACK MT RD	01-01-58	15.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	003	25	8030	8030	27	27	27	05	05	05	05	034	L.N BECH	HACK MT RD	01-01-58	15.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	004	26	3405	3405	27	27	27	05	05	05	05	035	E.A RUMBERY	HACK MT RD	01-01-52	7.5	0.0	UNK	DIG			UNK						
082E-094.3.3.3	005	27	439	439	26	26	26	05	05	05	05	036	W BROWN	MISCO RD	01-01-50	11.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	006	28			26	26	26	05	05	05	05	037	WT BECH	HACK MT RD	01-01-50	9.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	007	29			26	26	26	05	05	05	05	038	G.N MISCO	MISCO RD	01-01-53	22.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	008	30	8135	8135	26	26	26	05	05	05	05	039	B SEWLER	MISCO RD	01-01-44	18.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	009	31	3135	3135	26	26	26	05	05	05	05	040	I WOREY	LUNGEN RD	01-01-50	18.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	010	32	3633	3633	27	27	27	05	05	05	05	041	LUNGEN	LUNGEN	01-01-50	10.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	011	33	3633	3633	26	26	26	05	05	05	05	042	LUNGEN	LUNGEN	01-01-50	18.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	012	34	3633	3633	26	26	26	05	05	05	05	043	LUNGEN	LUNGEN	01-01-50	18.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	013	35	3633	3633	26	26	26	05	05	05	05	044	LUNGEN	LUNGEN	01-01-50	18.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	014	36	8140	8140	26	26	26	05	05	05	05	045	H.VORBERGER	BLACK MNR RD	01-01-55	25.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	015	37	3633	3633	26	26	26	05	05	05	05	046	F JONES	BLACK MNR RD	01-01-50	12.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	016	38	426	426	26	26	26	05	05	05	05	047	P ACHER	KEBER RD	01-01-50	32.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	017	39	3303	3303	26	26	26	05	05	05	05	048	AWN TRUIT	BLACK MNR RD	01-01-48	0.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	018	40	4138	4138	26	26	26	05	05	05	05	049	AWN TRUIT	BLACK MNR RD	01-01-48	0.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	019	41	511	511	26	26	26	05	05	05	05	050	AWN TRUIT	BLACK MNR RD	01-01-46	35.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	020	42	8109	8109	26	26	26	05	05	05	05	051	AWN TRUIT	BLACK MNR RD	01-01-46	35.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	021	43	8108	8108	26	26	26	05	05	05	05	052	AWN TRUIT	BLACK MNR RD	01-01-46	35.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	022	44	2073	2073	26	26	26	05	05	05	05	053	ROBERT D WIDE	BLACK MNR RD	01-01-47	33.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	023	45	8140	8140	26	26	26	05	05	05	05	054	BLACK MNR RD	BLACK MNR RD	01-01-50	0.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	024	46	8140	8140	26	26	26	05	05	05	05	055	BLACK MNR RD	BLACK MNR RD	01-01-48	12.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	025	47	3146	3146	26	26	26	05	05	05	05	056	RURLND SPALLIS	BLACK MNR RD	01-01-50	4.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	026	48	264	264	26	26	26	05	05	05	05	057	RUBY GOODR	BLACK MNR RD + RURLND	01-01-50	14.0	0.0	UNK	DIG			UNK						
082E-094.3.3.3	027	49	1808	1808	26	26	26	05	05	05	05	058	FRYMAN RD	HW 97	01-02-68	25.0	6.0	163	DIG	20.0	GPM	UNK						
082E-094.3.3.3	028	50																										



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BGS Map Area	Well No.	Well	Old Well No.	Z	X	Y	D.L.	SC	TP	Flk No.	Plan No.	Lot No.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Dia. (in.)	Drill Core No.	Core Method	Well Yield UEL	Yield UEL	Depth to Water (ft.)	Depth to Bedrock (ft.)	Screen Interval (ft.)	G.W. Lab No.	Open Well No.	Open Well No.		
08E-094.3.3.4	018	6	4986	25	05	05	33	00	40	JOE WEBBER	MORVILLE RD.	01-01-80	8.0	0.0	UNK	DIG	DIG	15.0	15.0	IM	4	UNK	UC						
08E-093.2.1.1	011				05	05	03	01	40	WILLIAM FINLEY		01-05-71	62.0	0.0	105							14	UNK	UC					
08E-093.2.1.2	011				05	05	02	02	40	NELOMAN NEWBY	CHEPEN RO NE	01-09-88	27.0	6.0	163						15.0	IM	8	UNK	UC				
08E-093.2.1.2	012				05	05	02	03	40	NELOMAN NEWBY	CHEPEN RO NE	01-09-88	28.0	6.0	163							7	UNK	UC					
08E-093.2.1.2	013				05	05	02	01	40	NELOMAN DEBLOPANS	CHEPEN RO NE	01-01-80	25.5	0.0	163							UNK	UC						
08E-093.2.2.2	013				05	05	06	06	40	LEUNG	MILROY RD	01-01-89	11.0	0.0	UNK	DIG	DIG					5	UNK	UC					
08E-093.2.2.2	012				05	05	06	02	40	G JEREMY	MILROY RD	01-01-80	15.0	0.0	UNK	DIG	DIG					12	UNK	UC					
08E-093.2.2.2	013				05	05	06	03	40	FERRENT BRIGGS	MILROY RD	01-09-83	120.0	6.0	163							+	117	UNK	UC				
08E-093.2.2.2	014				05	05	06	04	40	N P FRISER		01-01-80	14.0	0.0	UNK	DIG	DIG					12	UNK	UC					
08E-093.2.2.2	015				05	05	06	05	40	N P FRISER		01-01-84	10.0	0.0	UNK	DIG	DIG					8	UNK	UC					
08E-093.2.2.2	016				05	05	06	06	40	P SIEBER		01-01-80	20.0	0.0	UNK	DIG	DIG					16	UNK	UC					
08E-093.2.2.2	017				05	05	06	07	40	C WISEBECK		01-01-84	12.0	0.0	UNK	DIG	DIG					5	UNK	UC					
08E-093.2.2.2	018				05	05	06	08	40	ERIKS WILG	HW 97 NORTH	20-11-81	45.0	6.0	163							8	UNK	UC					
08E-093.2.2.2	019				05	05	06	09	40	FERRENT BRIGGS	MILROY RD	12-08-86	126.0	6.0	105							UNK	UC						
08E-093.2.2.2	010				05	05	06	10	40	H SELZET		01-01-82	19.0	0.0	UNK	DIG	DIG					15	UNK	UC					
08E-093.2.2.2	011				05	05	06	11	40	S W DWEL	MILROY RD	01-01-80	11.0	0.0	UNK	DIG	DIG					8	UNK	UC					
08E-093.2.2.2	012				05	05	06	12	40	T W DWEL	MILROY RD	01-01-85	12.0	0.0	UNK	DIG	DIG					10	UNK	UC					
08E-093.2.2.2	013				05	05	06	13	40	AFM BRACHINSKI	MILROY RD	01-01-80	0.0	0.0	UNK	DIG	DIG					UNK	UC						
08E-093.2.2.2	014				05	05	06	14	40	R E KUNER	MILROY RD	01-01-80	9.0	0.0	UNK	DIG	DIG					4	UNK	UC					
08E-093.2.2.2	015				05	05	06	15	40	J P BOND	MILROY RD	01-01-81	8.0	0.0	UNK	DIG	DIG					5	UNK	UC					
08E-093.2.2.2	016				05	05	06	16	40	SWING	MILROY RD	01-01-83	13.0	0.0	UNK	DIG	DIG					6	UNK	UC					
08E-093.2.2.3	011				05	05	12	01	40	GLINDNER DIVISION		01-10-85	135.0	0.0	UNK	DIG	DIG					37	179	UNK					
08E-093.2.2.3	012				05	05	12	02	40	GLINDNER DIVISION		01-10-85	160.0	0.0	UNK	DIG	DIG					36	135	UNK					
08E-093.2.2.3	013				05	05	12	07	40	BURCK J MERDE	ORANGE RD	01-05-89	100.0	6.0	163							16	15	ED					
08E-093.2.2.3	014				05	05	12	03	40	GLINDNER	GENOVE SULLY AREA	19-09-89	40.0	0.0	130							9	UNK	UC					
08E-093.2.2.3	015				05	05	12	02	40	GLINDNER	GENOVE SULLY AREA	19-09-89	64.0	0.0	130							4	UNK	UC					
08E-093.2.2.3	016				05	05	12	04	40	GLINDNER	GENOVE SULLY AREA	24-09-89	34.0	0.0	130							5	UNK	UC					
08E-093.2.2.3	017				05	05	12	05	40	GLINDNER	GENOVE SULLY AREA	24-09-89	31.0	0.0	130							12	UNK	UC					
08E-093.2.2.3	018				05	05	12	06	40	GLINDNER	GENOVE SULLY AREA	19-09-89	40.0	0.0	130							9	UNK	UC					
08E-093.2.2.4	011				05	05	07	01	40	ALBERT WANE	647 KUNCE AVE	19-08-86	198.0	6.0	105							21	92	ED					
08E-093.2.2.4	012				05	05	07	02	40	JOHN RERT HAYE	NORTH GLENORE	01-01-80	80.0	8.0	085							19	22	ED					
08E-093.2.2.4	013				05	05	08	00	40	MARVIN ENZER	FLAMING RD	23-06-78	30.0	5.0	105							UNK	UC						
08E-093.2.2.4	014				05	05	08	05	40	J WELCH	305 HERODEN RD	10-03-81	20.0	7.0	134							UNK	UC						
08E-093.2.2.4	015				05	05	07	03	40	D L EVNS	SESMOY RD	15-05-73	120.0	0.0	108							UNK	UC						
08E-093.2.2.4	016				05	05	08	03	40	PACIFIC PROBLEMS L	REDS CENTER	08-03-74	90.0	0.0	173							8	UNK	UC					
08E-093.2.2.4	017				05	05	08	08	40	VICTOR JENSEN	FLAMING RD	01-10-78	30.0	5.0	173							40	UNK	UC					
08E-093.2.2.4	018				05	05	08	09	40	ERIK ROSINA	REHODEN RD	27-04-78	30.0	5.0	173							2	274	ED					
08E-093.2.2.4	019				05	05	05	05	40	ERIK ROSEN	CHEPEN RD	18-12-78	116.0	0.0	108							8	UNK	UC					
08E-093.2.2.4	010				05	05	05	02	40	ERIK		01-01-80	12.0	0.0	UNK	DIG	DIG					UNK	UC						
08E-093.2.2.4	011				05	05	08	06	40	HENRY JARPER	SESMOY RD	01-07-72	105.0	6.0	175							35	UNK	UC					
08E-093.2.2.4	012				05	05	05	09	40	BLACKMAN IRING DIST	265 GEX RD	05-12-78	40.0	10.0	057							UNK	UC						
08E-093.2.2.4	013				05	05	08	02	40	JARPER & BULL	SESMOY RD	25-05-73	55.0	6.0	108							UNK	UC						
08E-093.2.2.4	014				05	05	07	00	40	S CHATO	215 ARBO RD	28-04-81	30.0	7.0	134							UNK	UC						
08E-094.1.1.1	011				05	05	05	05	40	CHESTER CITY HOMES L	MILROY PARK RD	02-10-78	140.0	4.0	173							UNK	UC						
08E-094.1.1.1	012				05	05	05	02	40	S HINDER	MILROY RD	01-01-80	14.0	0.0	UNK	DIG	DIG					UNK	UC						
08E-094.1.1.1	013				05	05	08	01	40	B HILFRAY		01-01-84	12.0	0.0	UNK	DIG	DIG					6	UNK	UC					
08E-094.1.1.1	014				05	05	05	02	40	GEO SUPENK	MILROY RD	01-01-82	15.0	0.0	UNK	DIG	DIG					10	UNK	UC					
08E-094.1.1.1	015				05	05	05	03	40	H SEVER	MILROY RD	01-01-87	12.0	0.0	UNK	DIG	DIG					9	UNK	UC					

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WGS Map Area	Well No.	Lot No.	Plan No.	Blk No.	TP No.	ST No.	RG No.	DL No.	Z	X	Y	Old Well No.	Owner's Name	Site Address	Date Constructed (day)	Wall Depth (ft.)	Wall Diam. (in.)	Drill Core No.	Crust. Method	Wall Yield	Yld. Ut.	Depth to Water (ft.)	Depth to Aquif. Litho. Interval (ft.)	Screen Interval (ft.)	G.W. Chem. Rpt. Lab. No.	Chem. Chan. No.	Chem. Chan. No.	Chem. Chan. No.
02E.04.11.1	005	68	45					143	06	06	05	04	O E JEWEL	MCCRY RD	01-01-82	10.0	0.0	UNK	DIG			8	UNK	UNC				
02E.04.11.1	007	50	45					143	06	05	05	40	J C UYER	MCCRY RD	01-01-83	0.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.1	008	A	56402					143	06	05	06	40	E VOEL	MCCRY RD	01-01-83	0.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.1	009	51	45					143	06	05	07	40	D MOPE	MCCRY RD	01-01-87	7.0	0.0	UNK	DIG			4	UNK	UNC				
02E.04.11.1	010	67	45					143	06	05	08	40	W SIBBAY	MCCRY RD	01-01-86	4.0	0.0	UNK	DIG			1	UNK	UNC				
02E.04.11.1	011	52	45					143	06	05	09	40	E BRANCK	MCCRY RD	01-01-82	6.0	0.0	UNK	DIG			3	UNK	UNC				
02E.04.11.1	012	4	2870					143	06	05	00	40	W BRADICH	MCCRY RD	01-01-82	12.0	0.0	UNK	DIG			5	UNK	UNC				
02E.04.11.1	013	1	2870					143	06	05	01	40	MRS SUDRANUK	MCCRY RD	01-01-82	22.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.1	014	2	8487					143	06	05	02	40	F PROSEN	MCCRY RD	01-01-87	0.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.1	015	62	45					143	06	05	03	40	S ROBRISON	MCCRY RD	01-01-85	7.0	0.0	UNK	DIG			5	UNK	UNC				
02E.04.11.1	016	6	8071					143	06	05	03	40	C A SHANDER	MCCRY RD	01-01-85	164.0	4.0	178	DIG			4	UNK	UNC				
02E.04.11.1	017	6	8028					143	06	05	02	40	J L WATERS	1779 RUIPOND RD	01-01-89	21.0	0.0	UNK	DIG	17.0	GM	17	UNK	UNC				
02E.04.11.1	018	2	1813					143	05	05	32	03	JEN WENS	HRIMAN RD	12-05-80	75.0	4.0	173	DIG			2	UNK	UNC				
02E.04.11.1	019	28	264					143	05	06	04	02	M G EDWER	WIDICE RD	01-01-80	6.0	0.0	UNK	DIG			4	UNK	UNC				
02E.04.11.2	001							143	06	06	04	02	A BEDEL	MCCRY RD	01-01-80	19.0	0.0	UNK	DIG			15	UNK	UNC				
02E.04.11.2	002							143	06	06	03	02	HISHI MOCHRA	MCCRY RD	01-01-87	9.0	0.0	UNK	DIG			7	UNK	UNC				
02E.04.11.2	003							143	06	06	03	03	IR FOLNER	LADA RD	01-01-80	0.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.2	004							143	06	06	03	04	IR FOLNER	LADA RD	01-01-80	50.0	0.0	UNK	DIG			47	UNK	UNC				
02E.04.11.2	005							143	06	06	03	04	M ILIDZ	LADA RD	01-01-83	28.0	0.0	UNK	DIG			15	UNK	UNC				
02E.04.11.2	006							143	06	06	03	06	M IVNS	MORVIE RD	01-07-85	122.0	6.0	086	DIG			UNK	107	UNC				
02E.04.11.2	007	11						143	06	06	03	06	CROZZI ENDERUSE L	MORVIE RD	01-01-86	192.0	6.0	105	DIG			8	180	UNC				
02E.04.11.2	008	9	13677					143	05	06	33	07	JEN KIRWAN	HRIMAN RD	01-01-83	33.0	0.0	UNK	DIG			27	UNK	UNC				
02E.04.11.2	009	9	3078					143	05	06	08	00	VICTOR POWER	HRIMAN RD	01-01-87	30.0	0.0	UNK	DIG			9	UNK	UNC				
02E.04.11.3	001	8	4375					143	06	06	04	03	HACK M JURGENSEN	HRIMAN RD	04-02-79	24.0	16.0	057	DIG			+	UNK	UNC				
02E.04.11.3	002							143	06	06	04	03	CONVISH RD	CONVISH RD	04-02-79	24.0	16.0	057	DIG			+	UNK	UNC				
02E.04.11.3	003							143	06	06	08	05	H W TEHNER	CONVISH RD	01-01-80	35.0	0.0	UNK	DIG			17	UNK	UNC				
02E.04.11.3	004							143	06	06	08	05	S M IDE	CONVISH RD	01-01-85	12.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.3	005	3						143	06	06	08	07	CONVISH RD	CONVISH RD	01-01-85	20.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.3	006							143	06	06	08	07	J HESOP	CONVISH RD	01-01-85	38.0	0.0	UNK	DIG			35	UNK	UNC				
02E.04.11.3	007							143	06	06	08	08	E GRIBS	CONVISH RD	01-01-85	20.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.3	008	A	6482					143	06	06	08	09	W F CLIBS	CONVISH RD	01-01-85	38.0	0.0	UNK	DIG			UNK	UNK	UNC				
02E.04.11.3	009							143	06	06	08	09	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	24.0	0.0	UNK	DIG			20	UNK	UNC				
02E.04.11.3	010							143	06	06	08	09	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	40.0	0.0	UNK	DIG			14	UNK	UNC				
02E.04.11.3	011							143	06	06	08	03	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	15.0	0.0	UNK	DIG			5	UNK	UNC				
02E.04.11.3	012							143	06	06	08	04	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	15.0	0.0	UNK	DIG			12	UNK	UNC				
02E.04.11.3	013							143	06	06	08	05	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	10.0	0.0	UNK	DIG			7	UNK	UNC				
02E.04.11.3	014							143	06	06	08	06	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	12.0	0.0	UNK	DIG			9	UNK	UNC				
02E.04.11.3	015							143	06	06	08	07	REIDWA GEORGE EICH	CONVISH RD	01-01-85	16.0	30.0	UNK	DIG			4	UNK	UNC				
02E.04.11.3	016							143	06	06	08	08	REIDWA GEORGE EICH	CONVISH RD	01-01-85	30.0	0.0	UNK	DIG			16	UNK	UNC				
02E.04.11.3	017	2	3993					143	06	06	08	09	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	19.0	0.0	UNK	DIG			10	UNK	UNC				
02E.04.11.3	018							143	06	06	08	09	MIDEN & FITZGERUCK	CONVISH RD	01-01-80	17.0	0.0	UNK	DIG			13	UNK	UNC				
02E.04.11.3	019							143	06	06	08	00	HRICH	CONVISH RD	01-01-80	22.0	0.0	UNK	DIG			21	UNK	UNC				
02E.04.11.3	020							143	06	06	08	02	VA VOIK	CONVISH RD	01-01-80	40.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.3	021							143	06	06	08	02	VA VOIK	CONVISH RD	01-01-80	27.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.3	022							143	06	06	08	02	VA VOIK	CONVISH RD	01-01-80	21.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.3	023	1						143	06	06	08	04	HRICH	CONVISH RD	01-01-82	12.0	0.0	UNK	OH			UNK	UNK	UNC				
02E.04.11.3	024	B	13677					143	06	06	08	05	HRICH	CONVISH RD	01-01-82	52.0	6.0	105	DIG			24	UNK	UNC				
02E.04.11.3	025	1	2674					143	06	06	08	07	WESBERN ABE MALEIC	CONVISH RD	16-01-70	140.0	4.0	173	DIG			UNK	UNK	UNC				
02E.04.11.3	026	34						143	06	06	08	07	GENERAL CITY HOES L	CONVISH RD	02-10-76	140.0	4.0	173	DIG			UNK	UNK	UNC				
02E.04.11.3	027	1	15207					143	06	06	08	08	GENERAL CITY HOES L	CONVISH RD	02-10-76	43.0	0.0	152	DIG			27	UNK	UNC				

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Ministry of Environment - Water Management Branch - Groundwater Section  
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 Data Summary - with Legal Descriptions and Old Coordinates

GIS Map Area	Well No.	Lot No.	Plan No.	Blk No.	TP	SC	RS	DL	Z	X	Y	Old Well No.	L.D.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Diam. (in.)	Drill Contr. No.	Crust. Method	Well Yield (gpm)	Yld. Ut.	Depth to Water (ft.)	Depth to Back Litho (ft.)	Apif Litho	Screen Interval (ft.)	GM. Rt. Lab	Chem. Chm. Chm. Chm. Chm. Chm.	
08E-094.1.1.3	027	20	1861	23	2				05	05	08	029	40	R.L. & IRINA LIMBE	VALLEY RD	24-09-74	65.0	0.0	108	DR	15.0	GM	25	UNK	UNC	61-65			
08E-094.1.1.3	028	15	1861	23	2				06	06	08	000	40	H & B & W CUPEN	2818 HAV 97	30-03-	130.0	6.0	108	DR	12.0	GM	UNK	UNK	UNC	126-130			
08E-094.1.1.3	029	26	1861	23	3				06	06	08	001	40	ERNE MOBER	WOOD LAKE RESER	16-05-74	97.0	6.0	108	DR	10.0	GM	47	UNK	UNC	83-87			
08E-094.1.1.3	030	14	1861	23	3				06	05	08	004	40	RON HIGGSON	870 FIFE RD	05-06-75	140.0	4.0	173		10.0	GM	64	UNK	UNC	0-127			
08E-094.1.1.3	031	47	1861	23	3				06	06	08	005	40	WANE CUPEN	ARLORA RD	07-06-75	77.0	4.0	173		10.0	GM	41	UNK	UNC	0-74			
08E-094.1.1.3	032	49	1861	23	2				06	06	08	005	40	SM RUFFIANO		09-10-75	108.0	4.0	173	DR	13.0	GM	39	UNK	UNC	0-105			
08E-094.1.1.3	033	13	1861	23	3				06	06	08	007	40	RON MIREL	FRND RD	04-08-77	88.0	0.0	173	DR	7.0	GM	59	UNK	UNC	83-88			
08E-094.1.1.3	034	23	1861	23	3				06	06	08	004	40	EDER ROEBERG		12-08-75	65.0	0.0	108	DR	30.0	GM	25	UNK	UNC	61-65			
08E-094.1.1.3	035	4	2430	26	34				06	05	08	042	40	WH TAYLOR CONCRETE	SESMOR RD	16-10-74	84.0	4.0	173	DR	10.0	GM	30	UNK	UNC	0-74			
08E-094.1.1.3	036	1	1527	23	2				06	06	08	043	40	GENOVE IRIG DIST	SESMOR RD	04-12-78	17.0	8.0	057	DR	20.0	UEM	UNK	17L	UNC	61-63			
08E-094.1.1.4	001		1810						06	06	08	044	40	BLACK MAN IRIG DIST	SESMOR & HAV 97	04-12-78	40.0	8.0	057	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.1.4	002								06	05	09	001	40	T YAPORA	KENWIDE RD	01-01-50	12.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.1.4	003								06	05	09	002	40	AT NEU		01-01-44	16.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.1.4	004	24							06	06	09	005	40	ED VERON RD		01-01-50	32.5	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.1.4	005	38							06	05	09	001	40	LINDA RD		01-01-50	135.0	6.0	134	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	002								06	06	09	007	40	SUN TORRES		05-10-81	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	003								06	05	17	001	40	CHIFFORD		01-01-50	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	004								06	05	17	002	40	MC NEVE		01-01-50	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	005								06	06	16	003	40	NEVES		01-05-74	178.0	0.0	057	DIG	55.0	UEM	2	UNK	UNC				
08E-094.1.3.1	006								06	06	16	008	40	G MCDONNELL		01-01-50	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	007								06	05	16	009	40	A MCDONNELL		01-01-50	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	008	2	2162	23					06	06	16	012	40	A MCDONNELL		14-01-82	262.0	10.0	032	DR	UNK	UEM	UNK	UNK	UNC	246-252			
08E-094.1.3.1	009	1	9610						06	06	16	013	40	TERFER		01-01-56	30.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.1	010	A	10081						06	05	08	004	40	NEVE		01-01-52	0.0	0.0	UNK	DR	UNK	UEM	UNK	UNK	UNC	62-62			
08E-094.1.3.2	001								06	05	08	007	40	WESTWELL GREENS LTD		24-04-66	360.0	6.0	105	DR	30.0	GM	UNK	UNK	UNC				
08E-094.1.3.2	002								06	05	16	010	40	A SCHOIK	CD VERON RD	01-01-61	0.0	0.0	UNK	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	003								06	05	15	011	40	F JAMES	LIPARA RD	01-01-68	20.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	004								06	05	16	012	40	CERANT ERMS	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	005								06	05	16	013	40	R SELI	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	006								06	05	16	014	40	CERANT ERMS	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	007								06	05	16	015	40	CERANT ERMS	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	008								06	05	16	016	40	Y KISH	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	009								06	05	16	017	40	ESQUER UNIZOY	CD VERON RD	01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	010	70	10138						06	05	16	018	40	A GHOE	OFF SORBY CREEK RA	29-07-70	281.0	8.0	108	DIG	190.0	GM	UNK	UNK	UNC	20-200			
08E-094.1.3.2	011								06	05	16	019	40	F RESEN	CD VERON RD	01-01-62	106.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	012								06	05	15	015	40	BLACK MAN IRIG DIST	WESTON RD	17-04-80	338.0	8.0	109	DR	UNK	UEM	UNK	UNK	UNC	275-338			
08E-094.1.3.2	013								06	05	16	010	40	A GHOE		01-01-63	0.0	0.0	UNK	DIG	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.2	014								06	05	16	011	40	CLIFF CERANT	CD VERON RD	01-07-70	165.0	8.0	105	DR	UNK	UEM	UNK	UNK	UNC	80-100			
08E-094.1.3.2	015	C	20162						06	05	16	011	40	AT CERANT	CD VERON RD	01-11-72	0.0	0.0	175	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.3	001	3	1638						06	05	16	004	40	GENOVE I D	GENOVE RD	25-04-85	270.0	8.0	101	DR	UNK	UEM	UNK	UNK	UNC	96-200			
08E-094.1.3.3	002	3	1638						06	05	16	000	40	ROBERT MANFREDI	ELLEN GIP & CLINK	12-09-86	200.0	8.0	023	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.3	003	3	1638						06	05	16	000	40	ROBERT MANFREDI	ELLEN GIP & CLINK	05-09-86	175.0	9.0	023	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.3	004	3	1638						06	05	16	000	40	TED ZEPER	ELLEN GIP & CLINK	05-09-86	200.0	9.0	023	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.3	005	3	1638						06	05	16	000	40	SHAW RUDE INV	BLIDMAN RD	29-04-87	224.0	16.0	047	DR	UNK	UEM	UNK	UNK	UNC	20-204			
08E-094.1.3.3	006	3	1638						06	05	16	000	40	SHAW RUDE INV	BLIDMAN RD	29-04-87	224.0	16.0	047	DR	UNK	UEM	UNK	UNK	UNC	205-204			
08E-094.1.3.3	007	2	36104						06	05	17	000	40	MES. REBE	BLIDMAN RD	29-04-87	234.0	0.0	057	DR	UNK	UEM	UNK	UNK	UNC				
08E-094.1.3.3	008								06	05	17	000	40	GENOVE IRIG DIST.		14-12-85	280.0	16.0	057	DR	UNK	UEM	UNK	UNK	UNC	113-229			
08E-094.1.3.3	009								06	05	21	008	40	RELOARA AUROR		01-10-85	0.0	0.0	UNK	DR	UNK	UEM	UNK	UNK	UNC				

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28/02/92

Ministry of Environment - Water Management Branch - Groundwater Section  
 Computer Database System  
 Data Summary - with Legal Descriptions and Old Coordinates

GIS Map Area No.	Well No.	Plan No.	Blk No.	TP No.	SC No.	RG No.	DL No.	Z	X	Y	Old Well No.	L.D. Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Dia. (in.)	Drill Core Criz. No.	Crust. Method	Well Yield (GPM)	Yield Unit	Depth to Water (ft.)	Depth to Back Litho (ft.)	Apif Interval (ft.)	G.M. Chm. Rpt. Lab. No.	Chm. Chm. Chm. No.
002E-094.1.3.3	00							06	06	21	009	40	KELOWA AURORA		01-10-66	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	01							06	06	21	011	40	E BROWN	010 VERON RD	01-01-66	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	02							06	06	21	004	40	D R BISH		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	03						1	06	06	15	004	40	KELOWA BRANCHES		01-01-77	198.0	8.0	108	DRE	25.0	GPM	117	UNK	183-198	
002E-094.1.3.4	04							06	06	16	005	40	L.M. HERSBERG	010 VERON RD	01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	05							06	06	22	005	40	G GENS		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	06							06	06	16	006	40	C PALER	010 VERON RD	01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	07							06	06	21	006	40	G BNS		01-01-65	40.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	08							06	06	21	007	40	E BROWN		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	09	4978						06	06	22	008	40	VICTOR BARK	ANDERSON RD	21-09-77	50.0	5.0	173	DRE	35.0	GPM	13	UNK	62	ED
002E-094.1.3.4	10	475						06	06	22	009	40	M R F	BACK RD	20-10-74	79.0	6.0	108	DRE	2.5	GPM	48	UNK	UNK	
002E-094.1.3.4	11	1650						06	06	21	017	40	ROBERT W BERRY	010 VERON RD	21-07-70	103.0	6.0	105	DRE	105.0	GPM	57	UNK	UNK	
002E-094.1.3.4	12							06	06	21	019	40	SCHOOL DIST 23 CENTR	ELIZEN SCHOOL	08-02-77	187.0	4.0	173	DRE	12.0	GPM	57	UNK	UNK	
002E-094.1.3.4	13	11862						06	06	15	000	40	JIM SUBARNT	ANDERSON RD	24-10-87	172.0	7.0	023	DRE	15.0	GPM	165	UNK	UNK	163-172
002E-094.1.3.4	14							06	06	15	000	40	JIM SUBARNT	ANDERSON RD ELIZEN	15-10-87	281.0	7.0	023	DRE			UNK	UNK	UNK	
002E-094.1.3.4	15							06	06	21	005	40	G CHUSOFF		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.1.3.4	16	33240						00	00	00	000	40	JIM HAVEN	ELDPAN RD.	15-07-89	70.0	6.0	023	DRE	40.0	GPM	34	UNK	UNK	
002E-094.3.1.1	01							06	06	29	005	40	T GRAY		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.1	02							06	06	28	022	40	DEPT OF TRANSPORT	KELOWA AURORA	31-07-75	125.0	8.0	180	DRE	93.0	GPM	UNK	UNK	UNK	0-125
002E-094.3.1.1	03							06	06	28	013	40	KELOWA AURORA		01-10-66	0.0	0.0	UNK	DRE		UNK	UNK	UNK		
002E-094.3.1.1	04							06	06	21	003	40	MENDECK		01-01-60	25.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	01	5539					146	06	06	28	011	40	A C TAYLOR		01-01-60	24.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	02							06	06	27	001	40	L.H. GIBBE		01-01-64	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	03							06	06	22	001	40	J.L. FIDDOCE		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	04							06	06	27	002	40	ESLEN ENDERBRESSES	1470 WINDY SURGE	15-07-72	85.0	4.0	006	DRE	6.0	GPM	UNK	UNK	UNK	
002E-094.3.1.2	05							06	06	21	002	40	MENDECK		01-01-61	24.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	06							06	06	22	002	40	J.L. FIDDOCE		01-01-60	0.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	07	475					1	06	06	27	003	40	IN GREEN	ANDERSON RD	11-06-71	53.0	6.0	108	DRE	0.5	GPM	17	UNK	UNK	
002E-094.3.1.2	08							06	06	22	003	40	M.H. BLEN		01-01-63	20.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	09	3021					145	06	06	27	004	40	H. HIGHERER		11-03-70	30.0	4.5	136	DRE	2.0	GPM	19	UNK	UNK	
002E-094.3.1.2	10							06	06	22	004	40	T. SEBBER		01-01-64	8.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	11							06	06	28	005	40	J. BROWN		01-01-64	14.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	12							06	06	22	005	40	H. HIGHERER		01-01-66	18.0	3.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	13	18563						06	06	22	007	40	T. WYCKEN	ANDERSON RD	20-04-71	63.0	0.0	105	DIG		UNK	UNK	UNK		
002E-094.3.1.2	14							06	06	28	010	40	L.A. SOKY		01-01-65	15.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.2	15	21785						06	06	21	010	40	ESLEN ENDERBRESSES	010 VERON RD & 2E	21-05-72	20.0	4.0	006	DRE	100.0	GPM	48	UNK	UNK	
002E-094.3.1.2	16	21785						06	06	21	011	40	ESLEN ENDERBRESSES	010 VERON RD.	10-06-72	180.0	4.0	006	DRE	80.0	GPM	50	UNK	UNK	
002E-094.3.1.2	17	21785						06	06	21	012	40	ESLEN ENDERBRESSES	010 VERON RD.	01-06-66	20.0	4.0	006	DRE	60.0	GPM	39	UNK	UNK	
002E-094.3.1.2	18	21785						06	06	21	013	40	ESLEN ENDERBRESSES	WELBY RD.	01-07-72	169.0	4.0	006	DRE	70.0	GPM	39	UNK	UNK	
002E-094.3.1.2	19	21785						06	06	21	014	40	ESLEN ENDERBRESSES	WELBY RD.	09-07-72	230.0	0.0	006	DRE	80.0	GPM	38	UNK	UNK	
002E-094.3.1.2	20	21785						06	06	21	015	40	ESLEN ENDERBRESSES	010 VERON RD.	12-07-72	159.0	0.0	006	DRE	15.0	GPM	70	UNK	UNK	
002E-094.3.1.2	21	21785						06	06	21	016	40	K.M. McLOVIE	010 VERON RD	13-02-73	135.0	4.0	006	DRE	180.0	GPM	18	UNK	UNK	
002E-094.3.1.2	22	21785						06	06	21	018	40	K.W. McLENNAN	WELBY RD	06-11-76	83.0	0.0	108	DRE	15.0	GPM	58	UNK	UNK	
002E-094.3.1.2	23	21785						06	06	28	020	40	FRAN FERRE		19-05-73	83.0	0.0	108	DRE		UNK	UNK	UNK		
002E-094.3.1.2	24	9539					21785	06	06	21	000	40	HILARIO MATOR FERRE	010 VERON RD.	19-05-73	185.0	6.0	023	DRE	20.0	GPM	50	UNK	UNK	
002E-094.3.1.2	25	18408						06	06	21	000	40	K. REID	ROBINSON RD	11-01-88	81.0	7.0	003	DRE	40.0	GPM	50	UNK	UNK	
002E-094.3.1.3	01							06	06	29	001	40	K. REID		01-01-68	53.0	0.0	UNK	DIG		UNK	UNK	UNK		
002E-094.3.1.3	02	1453						06	06	29	002	40	K. REID		01-01-68	53.0	0.0	UNK	DIG		UNK	UNK	UNK		

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24/02/92

Ministry of Environment - Water Management Branch - Groundwater Section  
 Groundwater Database System  
 Data Summary - with Legal Descriptions and Old Coordinates

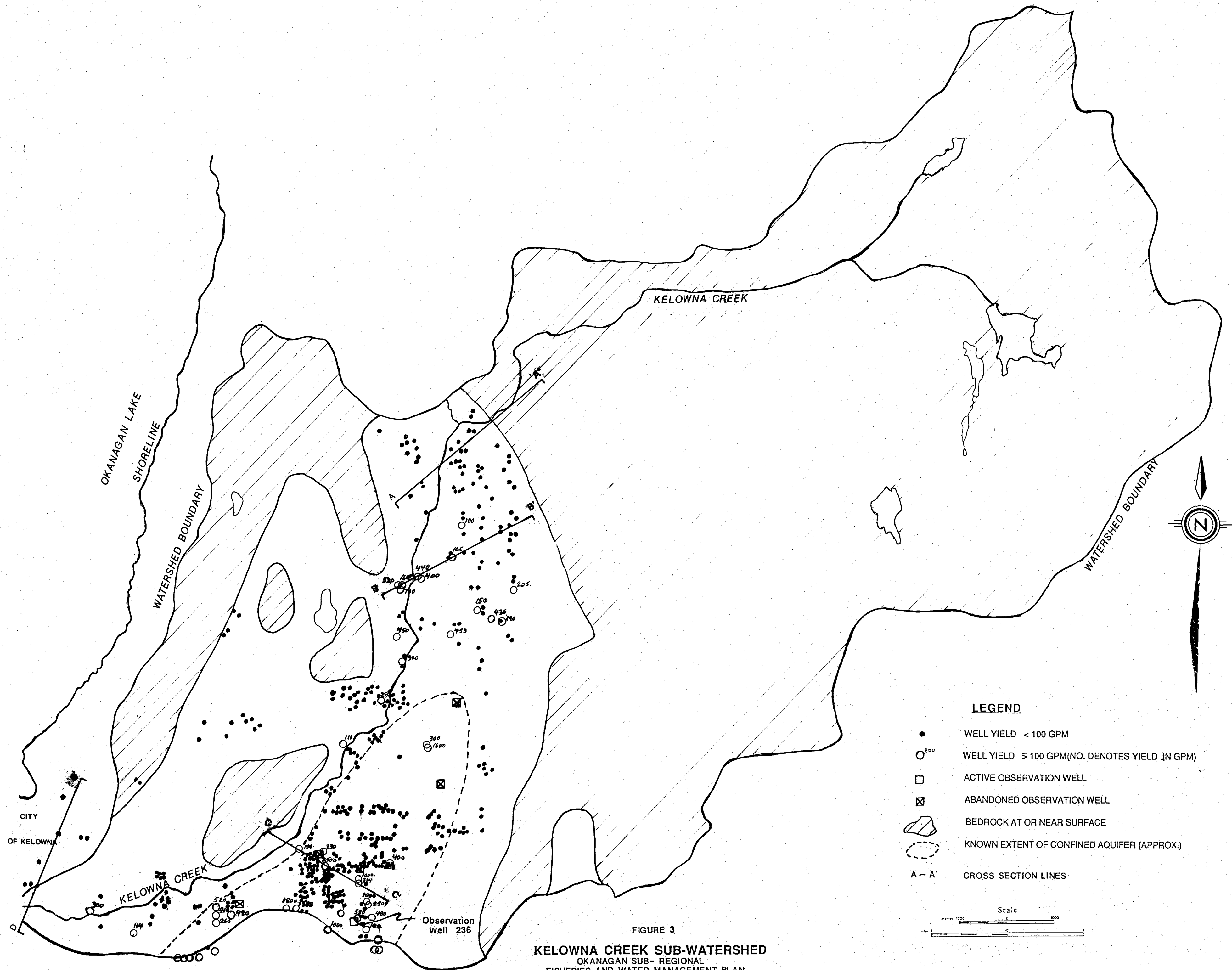
WHS Map Area	Well No.	Well Id	Plan No.	Elk No.	TP No.	SC No.	ES No.	DL No.	Z	X	Y	Old Well No.	Owner's Name	Site Address	Date Constructed (day)	Well Depth (ft.)	Well Diam. (in.)	Well Contr. No.	Drill Contr. Method	Well Yield (GPM)	Yld. Util.	Depth to Water (ft.)	Depth to Back Litho (ft.)	Aginf Litho	Screen Interval (ft.)	GM. Rpt. Lab.	Chem Fld. No.	Chem Site No.
002E-094.3.1.3	03	8	163	23	23	23	23	03	05	05	05	03	00	FRER	FR WALKER RD	01-01-88	30.0	0.0	UNK	DIG		23	UNK	UNC				
002E-094.3.1.3	04	B	1840	23	23	23	23	04	05	05	05	04	00	KCF		01-01-89	52.0	0.0	UNK	DIG		44	UNK	UNC				Y
002E-094.3.1.3	05			23	23	23	23	05	05	05	05	05	00	RELOWA, ANDREW WELLS, AIRBORNE NORTH OF MEL		01-01-88	97.0	0.0	163	DIG		35	UNK	UNC				Y
002E-094.3.1.3	06			23	23	23	23	06	05	05	05	06	00	FEESTER		01-09-88	185.0	6.0	125	DIG	24.0	GM	UNK	UNC				
002E-094.3.1.3	07			23	23	23	23	07	05	05	05	07	00	RELOWA, ANDREW		22-05-75	87.0	0.0	108	DIG	40.0	GM	UNK	UNC	82-87			
002E-094.3.1.3	08	3	11786					08	05	05	05	08	00	SOUTHERN INVERCRA FL CR HW 97 & OLD WERN		25-08-87	67.0	7.0	023	DIG	30.0	GM	UNK	UNC				
002E-094.3.1.4	01	2	3497					01	05	05	05	01	00	A C T FRICH		01-05-55	147.0	0.0	006	DIG		46	UNK	UNC				
002E-094.3.1.4	02							02	05	05	05	02	00	E A REDDICH		01-01-50	51.0	0.0	UNK	DIG		120	UNK	UNC				
002E-094.3.1.4	03			23	24			03	05	05	05	03	00	ELIENSON ESPLAN	SOUTH SIDE OF MILLC	23-03-82	200.0	6.0	134	DIG	60.0	GM	UNK	UNC				
002E-094.3.1.4	04							04	05	05	05	04	00	E A REDDICH		01-11-63	30.0	0.0	UNK	DIG		54	78	BD				
002E-094.3.1.4	05	50	475					05	05	05	05	05	00	ELIENSON ESPLAN	ANDERSON RD	02-10-76	170.0	0.0	108	DIG	30.0	GM	UNK	UNC				
002E-094.3.1.4	06							06	05	05	05	06	00	JORGENSEN		01-01-53	52.0	0.0	UNK	DIG	0.5	GM	UNK	UNC				
002E-094.3.1.4	07	87	475					07	05	05	05	07	00	ELIENSON ESPLAN	SOFTY CR RD	01-01-77	195.0	6.0	108	DIG	70.0	GM	UNK	UNC	217-221			
002E-094.3.1.4	08							08	05	05	05	08	00	H GIBBONS		01-01-40	15.0	0.0	UNK	DIG		35	41	BD				
002E-094.3.1.4	09	78	475					09	05	05	05	09	00	ELIENSON ESPLAN	ANDERSON RD	26-02-76	270.0	0.0	108	DIG	70.0	GM	UNK	UNC				
002E-094.3.1.4	10							10	05	05	05	10	00	H GIBBONS		01-01-63	35.0	0.0	181	DIG		29	UNK	UNC				
002E-094.3.1.4	11							11	05	05	05	11	00	JIM SHERRIFF	ELIENSON ESPLAN, S. O	22-07-89	22.0	8.0	028	DIG	25.0	GM	UNK	UNC	17-22			
002E-094.3.1.4	12	49	425					12	05	05	05	12	00	ELIENSON ESPLAN	ANDERSON RD	01-01-76	70.0	0.0	108	DIG	4.5	GM	UNK	UNC				
002E-094.3.1.4	13	49	475					13	05	05	05	13	00	ELIENSON ESPLAN	ANDERSON RD	16-01-76	51.0	0.0	108	DIG	22.0	GM	UNK	UNC				
002E-094.3.1.4	14	54	475					14	05	05	05	14	00	GEORGE A MACDONELL	ANDERSON RD	01-01-82	0.0	0.0	NA	DIG	40.0	GM	UNK	UNC				
002E-094.3.1.4	15							15	05	05	05	15	00	H M SPIDELL		01-01-50	60.0	0.0	UNK	DIG		55	UNK	UNC				
002E-094.3.1.4	16	83	EL1885					16	05	05	05	16	00	R FOXA	ANDERSON RD	05-04-83	200.0	6.0	023	DIG	1.0	GM	UNK	UNC				
002E-094.3.1.4	17							17	05	05	05	17	00	WILKINS		01-01-50	12.0	0.0	UNK	DIG		31	17	BD				
002E-094.3.1.4	18	13						18	05	05	05	18	00	G BEARDIA	1340 HINDCROFT CREEK	01-11-65	44.0	6.0	163	DIG	30.0	GM	UNK	UNC				
002E-094.3.1.4	19	3	1929					19	05	05	05	19	00	FRY GIBBONS	OLD WERN RD	04-01-70	89.0	4.5	176	DIG	10.0	GM	UNK	UNC				
002E-094.3.1.4	20	72	475					20	05	05	05	20	00	FRY GIBBONS	OLD WERN RD	12-02-71	68.0	6.0	108	DIG	5.0	GM	UNK	UNC				
002E-094.3.1.4	21	70	475					21	05	05	05	21	00	ALEX SEWZ	OLD WERN RD	06-11-70	85.0	0.0	105	DIG	20.0	GM	UNK	UNC				
002E-094.3.1.4	22	66	475					22	05	05	05	22	00	ALEX GRIFF	1621 HANLEY AVE	01-09-70	43.0	6.0	163	DIG	20.0	GM	UNK	UNC				
002E-094.3.1.4	23	66	475					23	05	05	05	23	00	REBE WALKER NOBLE	HUNTER RD	21-02-74	108.0	0.0	173	DIG		51	UNK	UNC	16-169			
002E-094.3.1.4	24	144						24	05	05	05	24	00	VICTOR WILDS	SEBOKER RD	11-08-89	200.0	6.0	023	DIG	36.0	GM	UNK	UNC				
002E-094.3.1.4	25	144						25	05	05	05	25	00	ELIENSON ESPLAN								115	UNK	UNC				

DISCLAIMER: The Province disclaims all responsibility for the accuracy of this information. This information should not be used as a basis for making financial or any other commitments.

TABLE 2 OKANAGAN GROUNDWATER QUALITY KELOWNA CREEK SUB- WATERSHED AREA

PARAMETER	pH	SPEC COND	ALKALINITY	HARD	FLUOR	Ba	Ca	Cl	Ca	Fe/dissl	Mg	Mn	NO3+NO2	K	JDS	Na	SO4	ZINC	DATE	COMMENTS
B.C.G.S. WELL NO.	5.5-8.5	µmho/cm	500µm/l	500µm/l	1.5mg/l	1.0mg/l	1.0mg/l	250mg/l	5mg/l	3.0mg/l	100mg/l	0.05mg/l	10mg/l	mg/l	500mg/l	270mg/l	500mg/l	5mg/l	MMYY	
182E 083.4.4.1#10	6.70			95.60			34.10	21.50		<.05	12.50		2.60	2.00		20.50			6/72	
282E 083.4.4.1#13	6.50	632.00	287.00	284.00	0.35		22.00	5.50		<.05	9.90	<.05	0.90	1.20	176.00	14.00	6.00	0.01	6/72	
382E 083.4.4.2#35	8.30		185.00	162.00	0.37		50.40	4.30			33.60		<.02	3.80		43.00	66.80		4/79	
482E 083.4.4.2#59	8.20		248.00	237.00			41.00	1.90		0.10	14.80	0.26	<.02	3.40		31.20	47.9		8/74	
582E 083.4.4.2#60			174.00	181.00			72.00			0.30						34.00	59.00		5/79	
							49.00			0.48						24.00	36.00		6/87	
										0.31									1/88	
										0.53									1/88	
682E 083.4.4.4#79	8.10		206.00	165.00			43.40	2.00		0.30	14.20				224.00	26.50	4.50		11/84	PO4 2.2ppm
782E 084.3.3.1#1	8.10	620.00	280.00	281.00	0.49		90.00	5.30		0.06	31.80	0.01	0.18	3.80		30.40	56.80		4/79	
	8.80	120.00	57.60	35.60	0.19	<.01	0.08	3.00	0.02	0.02	5.74	0.01	<.02	1.60		10.30	<.01		4/79	
	8.40	105.00	39.70	23.20	0.18	<.01	3.54	5.30	<.01	0.02	3.46	<.01	<.02	1.40		9.60	0.04	<.01	8/83	
882E 084.3.3.1#15	8.30	225.00	254.00	286.00	0.11		74.00	3.30		0.10	27.06	0.26	0.02	2.30		20.10	82.10		8/74	
982E 084.3.3.1#16	8.20		322.00	311.00	0.43		86.50	4.40		0.20	33.80		0.02	2.70		30.10	99.80		4/79	
	8.30	880.00	414.00	395.00	0.47		57.00	4.90		0.20	41.00	0.22	0.02			39.00	77.20		8/74	
1082E 084.3.3.3#40	8.30	788.00	348.00	277.00	0.46		80.00	10.20		0.30	51.20		<.02	4.90		49.20	94.00		4/79	
	8.20		358.00	294.00	0.53		61.00	4.10		0.30	32.00	0.16	0.02	6.30		67.50	88.00		8/74	
1182E 094.1.1.3#2	8.20		297.00				64.00	4.10		0.02	32.50		<.02			69.00	92.10		4/79	
1282E 094.1.1.3#3	8.30	805.00	331.00		0.44		76.00	1.80		0.02	22.00		2.00	390.00		20.00	91.00		3/65	
1382E 094.1.3.1#3	7.80	360.00	215.00	148.00	0.45	0.01	93.00	3.70		0.15	36.60	0.38	<.02	4.60		35.70	132.00		8/79	
1482E 084.1.3.2#13	7.10		43.00	<.5			43.00	<.5		<.03	8.80	0.27		2.50		15.00			10/77	
1582E 084.3.1.1#2	7.90		112.00	132.00	0.33		45.00	1.00		0.08	16.60	N.D.		2.00		5.00	10.00		1/71	
								2.00		0.23				2.00	124.00	NIL			8/75	





**LEGEND**

- WELL YIELD < 100 GPM
- <sup>200</sup> WELL YIELD ≥ 100 GPM (NO. DENOTES YIELD IN GPM)
- ACTIVE OBSERVATION WELL
- ⊠ ABANDONED OBSERVATION WELL
- ▨ BEDROCK AT OR NEAR SURFACE
- ⬭ KNOWN EXTENT OF CONFINED AQUIFER (APPROX.)
- A - A' CROSS SECTION LINES

FIGURE 3

**KELOWNA CREEK SUB-WATERSHED**  
 OKANAGAN SUB-REGIONAL  
 FISHERIES AND WATER MANAGEMENT PLAN  
 GROUNDWATER RESOURCE EVALUATION (JAN. 1992)